Nueta Hidatsa Sahnish College Bulletin
2016-17

Nueta Hidatsa Sahnish College
(formerly Fort Berthold Community College)
P.O. Box 490
220 College Drive
New Town, North Dakota 58763

Web Site Address: www.nhsc.edu

Administration/Academic Center:
(701) 627-8066
Fax: (701) 627-4099

Nueta Hidatsa Sahnish Singing Spring
Library & Learning Resource Center:
(701) 627-8055
Fax: (701) 627-4677
Web Site Address: http://lib.fortbertholdcc.edu

Adult Basic Ed./Community Education:
(701) 627-8058

Mentor Sites:
Parshall Site: (701) 862-2106
Fax: (701) 862-2100

Mandaree Site: (701) 759-3545
Fax: 759-3528

Twin Buttes Site: (701) 421-1342

White Shield Site: (701) 743-4552
Fax: 743-4126

DISCLAIMER
Terms, conditions, fees, course offerings, admissions, graduation requirements, college rules and regulations, college calendar and other regulations affecting the student body set forth in this bulletin are in accordance with information available at the time of publication. Nueta Hidatsa Sahnish College reserves the right to change these conditions when necessary, as determined within its sole discretion. Therefore, this document should not be considered a contract between the student and the institution.

Nueta Hidatsa Sahnish College is an equal opportunity and affirmative action institution that does not discriminate on the basis of race, age, color, national origin, sex, disability, religion, or veteran status in its admissions, employment practice, educational programs or other related activities.
# TABLE OF CONTENTS

A MESSAGE FROM NHSC PRESIDENT ........................................................................................................ 6

NHSC ACADEMIC CALENDAR 2016-2017 .......................................................................................... 7

GENERAL INFORMATION .......................................................................................................................... 8

Educational Purposes .............................................................................................................................. 9
   Philosophy ........................................................................................................................................ 9
   Mission ........................................................................................................................................... 10
   Vision ........................................................................................................................................... 10
   Values ........................................................................................................................................... 10
   Academic Freedom ....................................................................................................................... 10

Nueta Hidatsa Sahnish College Earth Lodge Values Model ..................................................................... 10

Admissions Information and Policies .................................................................................................. 13

Financial Aid Information and Policies ............................................................................................... 13

Student Services Information and Policies ......................................................................................... 14

General Education Development (GED) ............................................................................................. 15

NHSC Singing Spring Library and Learning Resource Center ................................................................. 16

Technology Department .................................................................................................................... 17

Student Clubs and Organizations ....................................................................................................... 19

Assessment of Student Learning: NHSC Philosophy of Assessment .................................................. 22

Academic Information and Policies ....................................................................................................... 23
   1. Academic Advisor ....................................................................................................................... 23
   2. Student Learning Assessment ..................................................................................................... 23
   3. Course Placement Evaluation .................................................................................................... 24
   4. Declaration of Major ................................................................................................................. 24
   5. Student Classifications .............................................................................................................. 24
   6. Graduation Requirements .......................................................................................................... 25
   7. Commencement .......................................................................................................................... 26
   8. Grading ...................................................................................................................................... 26
   9. Auditing a Course Policy ........................................................................................................... 26
  10. Academic Bankruptcy ................................................................................................................. 26
  11. Changing Grades ....................................................................................................................... 27
  12. Grade Point Average ............................................................................................................... 28
  13. Transfer Credits ...................................................................................................................... 29
  14. Administrative Drop ................................................................................................................ 29
  15. Course Challenge ................................................................................................................... 30
16. Incompletes .................................................................................................................... 31
17. Satisfactory Academic Progress (SAP) ........................................................................ 31
18. Academic Probation and Suspension .......................................................................... 32
19. Grade Reports ............................................................................................................ 32
20. Transcripts .................................................................................................................. 32
21. Scholastic Honors ...................................................................................................... 33
22. Scholastic Honors at Graduation .............................................................................. 33
23. Attendance .................................................................................................................. 33
24. Repeating a Course .................................................................................................... 34
25. Final Exam Policy ...................................................................................................... 34
26. Add/Drop Procedures ............................................................................................... 34
27. Total Withdrawal from College ............................................................................... 34
28. Credit/Semester Hour Description .......................................................................... 35
29. Bulletin/Course Expiration ...................................................................................... 35
30. Course Load Limitation ............................................................................................ 35
31. Independent Study ..................................................................................................... 36
32. Enrollment Policy for Dual Enrollment and Credit .................................................. 36
33. Minimum Class Size ................................................................................................. 37
34. Student Classification ............................................................................................... 37

Student Emergency Fund ............................................................................................... 37

Bookstore ....................................................................................................................... 37

Housing ............................................................................................................................ 37

Food Services .................................................................................................................. 37

PROGRAMS OF STUDY ................................................................................................. 39

DEGREES .......................................................................................................................... 39
Bachelor of Arts & Bachelor of Science ......................................................................... 39
Associate of Arts & Associate of Science ...................................................................... 39
Associate of Applied Science ......................................................................................... 40
Vocational Certificates .................................................................................................. 40

NHSC’S INSTITUTIONAL LEARNING OUTCOMES ..................................................... 40

GENERAL EDUCATION REQUIREMENTS ................................................................ 41
Eligible Courses for General Education Domains ........................................................ 42

ALPHABETICAL LISTING OF PROGRAMS .................................................................. 44
Administrative Assistant ................................................................................................. 44
Business Administration/Management ......................................................................... 45
Commercial Driver’s License Training Program .......................................................... 46
Construction Technology 9-Month ............................................................................... 47
Education--Teacher Education Department .................................................................. 48
Child Development Associate (CDA) Credential .......................................................... 48
Early Childhood Education, AA .................................................................................... 49
Elementary Education .................................................................................................... 50
Education: Elementary Education, AA .......................................................... 50
Education: Elementary Education, BS .......................................................... 51
Education: Elementary Education with an Endorsement in ......................... 55
Middle School Math or Middle School Science .......................................... 55
Environmental Science ............................................................................. 56
Equine Studies* ......................................................................................... 59
Human Services .......................................................................................... 61
Information Management Specialist 18-Month ........................................... 62
Liberal Arts .................................................................................................. 63
Marketing/ Entrepreneurship ....................................................................... 64
Mathematics ............................................................................................... 64
Native American Studies ............................................................................ 65
NHSC/WSC* Dakota Nursing Program: Practical Nursing Program ............ 68
NHSC/WSC* Dakota Nursing Program: Associate Degree Program ........... 71
Pre-Engineering ......................................................................................... 73
Science ........................................................................................................ 74
Welding Technology 9 Month/18 Month ....................................................... 75

COURSE DESCRIPTIONS ............................................................................ 77
Accounting ................................................................................................. 77
Animal & Range Science ........................................................................... 77
Art ................................................................................................................. 78
Assessment ................................................................................................. 78
Biology .......................................................................................................... 79
Business Administration ............................................................................. 82
Business, Office, Technical Education ....................................................... 83
Chemistry ..................................................................................................... 84
Commercial Driver’s License Training Program ........................................ 85
Communication .......................................................................................... 85
Computer Information Systems ................................................................ 85
Computer Science ...................................................................................... 86
Construction Technology .......................................................................... 86
Criminal Justice ......................................................................................... 86
Economics ................................................................................................... 87
Education: Early Childhood Education ..................................................... 87
Education: Elementary Education/Middle School Endorsement ................. 89
English ......................................................................................................... 92
Geography .................................................................................................. 93
Geology ........................................................................................................ 94
Graphic Arts Technology ........................................................................... 94
Health, Physical Education, and Recreation ............................................ 94
History .......................................................................................................... 95
Horticulture ................................................................................................. 95
Humanities .................................................................................................. 96
Mathematics ............................................................................................... 96
Native American Studies .......................................................................... 97
Nursing ......................................................................................................... 102
Physics ......................................................................................................... 105
Political Science ........................................................................................ 106
Pre-Engineering ......................................................................................... 106
Psychology .................................................................................................. 107
Sociology ..................................................................................................... 108
Social Work ................................................................................................ 109
A Message from NHSC President
Dr. Twyla Baker-Demaray

ČiiRA, Dosha, Tash-ga-sha, and Greetings!

On behalf of the faculty, staff and administration of Nueta Hidatsa Sahnish College, I would like to take this opportunity to welcome you to our family. We are proud of the services and curriculum that we provide to our students, and we hope that your educational experience here will be one which you carry with you throughout your life.

We invite you to participate in the campus life at NHSC. Become involved in student organizations like the Student Senate, AISES, Athletics and the All Chiefs Society. College students who become actively involved in activities and participate fully in college events are more likely to be motivated and successful students.

Please take advantage of our open door policy for students. All of our departments are available to answer any questions about our various divisions. Please seek us out if you have any concerns or need assistance with your college experience.

The heart of your college career is your coursework. Realize that to be successful in college you have to attend class, complete assignments on time and study diligently. We are proud of our faculty, staff, and advisors at NHSC. They are ready to answer any questions and assist you towards your goals.

Lastly, we offer many other services to our community and enrolled members of the Three Affiliated Tribes. Seek out those services, watch for announcements about campus activities and events, and take advantage of your local college.

I wish you the best of luck, and I hope that these are truly the best years of your academic career.

Twyla Baker-Demaray, Ph.D.
President
Nueta Hidatsa Sahnish College
# NHSC Academic Calendar 2016-2017

Dates may be subject to change

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Spring 2017</th>
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<tbody>
<tr>
<td>Aug 8-12</td>
<td>Jan 2-6</td>
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<tr>
<td>Registration</td>
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<tr>
<td>Aug 22</td>
<td>Jan 9</td>
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<td>Classes Begin</td>
<td>Classes Begin</td>
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<td>Sept 2</td>
<td>Jan 16</td>
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<tr>
<td>Last Day to Change Classes</td>
<td>Martin Luther King Jr Day – Holiday</td>
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<tr>
<td>Sept 5</td>
<td>Jan 20</td>
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<tr>
<td>Labor Day – Holiday</td>
<td>Last Day to Change Classes</td>
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<tr>
<td>Sept 30</td>
<td>Feb 17</td>
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<td>Block A Ends</td>
<td>Block A Ends</td>
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<td>Feb 20</td>
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<td>Oct 7</td>
<td>Feb 20</td>
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<td>All Chiefs Day – Holiday</td>
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<td>in Completes</td>
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<td>Oct 17-21</td>
<td>Mar 6-10</td>
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<td>Mid Term Week</td>
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<td>Oct 21</td>
<td>Mar 10</td>
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<td>1st 8 Week Classes End</td>
<td>Mid Term Grades Due</td>
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<td>Oct 21</td>
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<tr>
<td>Mid Term Grades Due</td>
<td>1st 8 Week Classes End</td>
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<tr>
<td>Oct 24</td>
<td>Mar 13</td>
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<td>2nd 8 Week Classes Begin</td>
<td>2nd 8 Week Classes Begin</td>
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<td>TBA</td>
<td>Mar 13-17</td>
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<tr>
<td>Disbursements</td>
<td>Spring Break</td>
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<td>Nov 4</td>
<td>Mar 24</td>
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<td>Block B Ends</td>
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<td>Mar 27</td>
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<td>Nov 11</td>
<td>TBA</td>
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<tr>
<td>Veterans Day – Holiday</td>
<td>Disbursements</td>
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<td>Nov 24-25</td>
<td>Apr 14</td>
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<td>Thanksgiving Holiday</td>
<td>Good Friday – Holiday</td>
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<td>Dec 5-9</td>
<td>Apr 17</td>
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<td>Last Week of Classes – Pre Registration for Spring</td>
<td>Easter Monday – Holiday</td>
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<td>Dec 9</td>
<td>May 1-5</td>
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<tr>
<td>Last Day to Withdraw from Classes</td>
<td>Last Week of Classes – Pre Registration for Summer and Fall Classes</td>
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<td>Dec 12-16</td>
<td>May 8-12</td>
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<td>Finals Week</td>
<td>Finals Week - Assessment</td>
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The Nueta Hidatsa Sahnish College (NHSC) is tribally chartered by the Three Affiliated Tribes of the Fort Berthold Reservation headquarters at New Town, North Dakota. NHSC is tribally controlled by a Board of Directors, which consist of seven-members appointed by the six segment council members and one tribal chairperson. Originally named Fort Berthold Community College, it was founded May 2, 1973, as the agency responsible for higher education on the Fort Berthold Reservation. On March 27, 2015 the Three Affiliated Tribes Business Council signed a resolution changing the name of the college to Nueta Hidatsa Sahnish College.

The Three Affiliated Tribes endorsed the concept that a locally based higher education institution was needed to train Tribal members and to act as a positive influence in retaining the Tribal cultures. A steering committee was appointed to oversee the initial operations of the College. This committee was replaced by the selection of a Board of Directors in 1974.

The first classes offered at NHSC were on an extension basis with coordinating accredited institutions. The articulation agreements made in the beginning were with University of Mary, Bismarck, ND; Minot State College, Minot, ND; and the University of North Dakota, Williston Center, Williston, ND. The College proceeded to develop long-range planning models. This planning resulted in the development of a framework for carrying out the mission and goals of the College, and also in the improvement of the educational and vocational services in the communities throughout the Reservation.

Nueta Hidatsa Sahnish College was granted accreditation on February 12, 1988, through the North Central Association of Schools and Colleges. On July 12, 2006, Nueta Hidatsa Sahnish College was granted continued 10 year accreditation through The Higher Learning Commission (HLC) and will host its next reaffirmation of accreditation visit in 2017-18. The College is one of thirty-four tribal colleges granted 1994 Land Grant Institution status and is also a member of the American Indian Higher Education Consortium (AIHEC). On February 25, 2011, HLC’s Institutional Actions Council (IAC) voted to extend the College’s Accreditation to include Bachelor of Science Degrees in Elementary Education and Environmental Science, and the Bachelor of Arts in Native American Studies, enabling students to earn four year degrees at their home college on Fort Berthold Reservation.
The provisions of this bulletin are not to be regarded as an irrevocable contract between the student and NHSC. The bulletin presents information regarding admission requirements and requirement guidelines of the college for the 2016-18 school years in an accurate and timely fashion for the purpose of furnishing students with institutional information. This does not preclude the possibility of changes taking place during the academic year. If such changes occur, they will be publicized through normal channels such as in newsletters, posters, email, Facebook, and information flyers.

Educational Purposes

Philosophy
We believe that Nueta Hidatsa Sahnish College seeks to:

Enhance the quality of life for the Mandan, Hidatsa and Arikara Nation
- Offers opportunities for improvement of our economic well-being and quality of life.
- Initiates and implements new or innovative ideas for the benefit of the Tribe, including leadership and training.

Build a positive strong identity of the Three Affiliated Tribes
- A builder of people and communities of the Mandan, Hidatsa and Arikara Nation
- Integrates Three Affiliated Tribes culture, traditions and language, in all academic and social activities empowering the people.
- A place where all people come first for their educational needs.

Insure development of global citizenship by providing necessary training and leadership
- Utilize the art of technology to deliver courses.
- Prepare globally to address the impact of other cultures, economies, environments and actions.
- Develop and utilize the existing resources for the further development of the staff/faculty and Board of Directors.

Develop a financially strong institution, which meets the needs of the students by providing a safe learning environment, which promotes diversity and relevant curriculum/programs.
- Provide a caring and nurturing atmosphere, which meets the needs of all the students.
- Utilize multiple teaching methods and techniques for a variety of learning styles.
- Offer self-improvement opportunities while maintaining the culture of the Mandan, Hidatsa and Arikara Nation.
- Select and develop a faculty who believe in the vision and mission of the College.
- Provide continuous assessment of
  - Teaching methods
  - Curriculum
  - Community needs and trends to determine course and program offerings, recreation, sports, childcare, student housing.
    - Encourage the need to voice informed opinions to make positive change.
    - Become a leader among tribally controlled colleges, providing the highest quality of culture, academic, and student services.
Mission
The Nueta Hidatsa Sahnish College will provide quality cultural, academic, and vocational education and services for the Mandan, Hidatsa and Arikara Nation.

Vision
Mandan, Hidatsa and Arikara Nation, Nueta Hidatsa Sahnish College: A dynamic presence that preserves our past and prepares us for the future.

Values
The Nueta Hidatsa Sahnish College’s values are illustrated through the earth lodge, which is the common home to the Nueta, Hidatsa, and Sahnish people. Unity, being the key value, is located in the center (fire pit), which the rest of the values build around. Spirituality, People, Culture, and Future are the four domains represented by the four main posts. The outer twelve posts represent values within each of the four domains. (see next page)

Academic Freedom
Nueta Hidatsa Sahnish College is committed to intellectual thought and pursuit. The college encourages faculty to introduce students to broad and diverse points of view and research. As part of the college’s Native American tradition, it is recognized certain tenets will be expressed as part of the curriculum and are acceptable whenever applicable. At all times, faculty members should exercise sound judgment, respect the rights of others to express ideas and opinions and ensure that the same freedom be extended to students and colleagues.
Nueta Hidatsa Sahnish College Earth Lodge Values Model

**Nueta Hidatsa Sahnish College Values**

The Nueta Hidatsa Sahnish College's values are illustrated through the earth lodge, which is the common home to the Nueta, Hidatsa, and Sahnish people. Unity, being the key value, is located in the center (fire pit), which the rest of the values build around. Spirituality, People, Culture, and Future are the four domains represented by the four main posts. The outer twelve posts represent values within each of the four domains.

**UNITY:**

The Nueta, Hidatsa, and Sahnish people have lived together for over two hundred years. We have worked together for over two hundred years. We have worked together to live harmoniously, peacefully and with friendship. We strive to continue this unity for our future generations.

**SPIRITUALITY:**

We are a whole, not just a mind or a body. We have spirits we must take care of through practicing our spirituality.

**PEOPLE:**

Our people, the Nueta, Hidatsa, and Sahnish people are sacred. We must respect and honor our children, elders and ourselves.

**CULTURE:**

Our culture is a blessing that makes us unique. We must learn to appreciate, strengthen, and practice it.

**FUTURE:**

Our people have been here from the beginning of time. We must take action to ensure the future of our people.
Physical Secrecy
Learning is a life-long process. We must continue to be humble to accept our teachings.

Balance
We must strive to live in balance through ceremony, prayer, and self-evaluation.

Our language is who we are. It teaches us how to treat each other and live our lives. We must keep ourselves alive through our language.

Our land is sacred. We are made of the land and it provides everything we need for life. We must protect and respect the land.

Our language is a great wealth because of their hard work. By following their example and being industrious, we will achieve our goals.

Determination
We will continue to move forward through our determination and ingenuity to overcome obstacles.

Growth
We must continue to grow and become a stronger, more resilient person through practicing our traditional teachings, economic knowledge, and gaining wisdom.

Respect
We should live our lives with respect for everything.
Admissions Information and Policies
Please see Student Handbook for more detailed information.

Admissions:
Nueta Hidatsa Sahnish College subscribes to an Open Door Admissions Policy. Any person who is a graduate of an accredited high school or who has his or her General Education Development (GED®) certificate may be admitted to NHSC. Admission to NHSC does not ensure admittance to any particular course of study. Some programs have requirements beyond standard college admissions that must be met.

Procedures:
The following items are required for Admissions to NHSC:

- Application for Admissions
- Official copy of high school transcripts or GED certificate or GED transcript
- A complete Free Application for Federal Student Aid (FAFSA)
- Copy of Driver’s License, State ID, or Social Security card
- All Native American students enrolled in a federally recognized tribe must submit an official verification of tribal enrollment
- If applicable, Native American students not enrolled in a federally recognized tribe must submit an official verification of tribal enrollment of one of their parents
- Students must have an official copy of their transcript(s) from previously attended college(s) sent directly to the registrar’s office at NHSC
- New and transfer students must take an exam and submit testing scores for placement into Math and English
- Dual credit students must submit the Dual Credit form they receive from their high school for each course
- Non US citizens must provide documentation to verify that they are eligible non-citizens

It is the responsibility of the student to ensure all documents are received. A hold will be placed on student’s academic record if all documentation is not in his/her file at the end of the first 6 weeks of the semester. The student will not be allowed to enroll again until all documentation is submitted. Financial aid could also be delayed if documentation is not submitted before financial aid disbursement.

Financial Aid Information and Policies
Please see Student Handbook for more detailed information.
The Nueta Hidatsa Sahnish College Office of Student Financial Aid provides assistance to students in securing adequate resources to attend NHSC. A variety of programs are available.

All students should apply for financial aid. Office hours are 8:00 a.m.-5:00 p.m., Monday-Friday. The Financial Aid office is closed for lunch between 12:00 p.m.-1:00p.m. For more information, see: www.fafsa.ed.gov and www.nhsc.edu

Types of Financial aid Available
- 477 Demonstration Project
- American Indian College Fund: www.collegefund.org
- North Dakota Student Financial Assistance Grant (SSIG)
- Three Affiliated Tribes Higher Education Program
- Three Affiliated Tribes Job Training Partnership Act (477)
- Veteran’s Benefits
- Vocational Rehabilitation
- Title IV Funds Earned and Unearned

Other Scholarships are available at Nueta Hidatsa Sahnish College. See Financial Aid Director for more information.

**Student Services Information and Policies**

*Please see Student Handbook for more detailed information.*

Student Services supports the “Open Door” Philosophy at Nueta Hidatsa Sahnish College, by promoting and providing equal access to students, regardless of academic background or experience.

The Function of Students Services is to:
- Promote student success and retention
- Facilitate student learning and development
- Provide student-centered customer friendly services

The Primary Roles of Student Services are:
- Admissions, Registration, Student Records-Registrar, Admissions Clerk
- Student Orientation to NHSC-Student Services Staff
- Financial Aid Services-Financial Aid Director
- Counseling and guidance- Student Development/ Retention Counselor
- Student Programs, Clubs, & Activities-Vice President of Student Services, Student Club Advisors
- Academic Assistance- Vice President of Student Services, Peer Tutors
- Mentoring Outreach Programs- Vice President of Student Services, Outreach Mentors at community sites.
- Disabilities coordination-Vice President of Student Services, Student Development/ Retention Counselor

The following Student Services topics are addressed in the Student Handbook:
- Equal Opportunity and Non-discrimination
- Disabilities
- Student Rights
- Student Responsibilities
- Code of Conduct
- Student discipline
- Disciplinary Outcomes
- Appeals
- Grounds of Appeal
- Due Process for Disciplinary
- Due Process in cases of Alleged Academic Dishonesty
- Zero Tolerance for Violence Policy
- Zero Tolerance of Campus Violence
- Incident response
- Incident reporting
- Grievance Process
- Disciplinary Outcomes

General Education Development (GED)
Adult Basic & Secondary Education (GED)/Pearson Vue testing site

The Nueta Hidatsa and Sahnish College (NHSC), Adult Basic and Secondary Education and Literacy Education Program offer GED classes in the communities on the Fort Berthold Reservation. Our Adult Learning Centers (ALC) provide services to assist students increase their knowledge and improve their skills in the areas of Reasoning through Language Arts, Social Studies, Science, and Mathematics.

(GED) General Educational Development Test:
- Reasoning Through Language Arts (155 minutes): 25 min + 45 min extended response, break, + 70 min
- Science (90 minutes): 2 short answers, 10 minutes each
- Social Studies (90 minutes): 65 min + 25 min extended response
- Mathematical Reasoning (115 minutes)

Acquiring a GED may take as short as a few weeks or as long as several months; variables include time away from school, availability for classes/studying, attendance, and motivation. The minimum age for enrollment and testing in North Dakota is sixteen (16). Candidates are not required to take any courses or to prepare in any way for the GED test. However, candidates may wish to assess their current academic skills or improve skills by attending the Adult Learning Centers, which provide instruction in the four content test areas. Students who have met the eligibility requirements will be awarded a diploma from the Department of Public Instruction when he/she has successfully taken and passed all four (4) GED exams with a minimum standard score of 150. Scores of 170 and above are considered “GED with Honors”. A student who meets all the requirements will receive an original diploma and transcript. A duplicate transcript and/or diploma can be requested in writing from the Department of Public Instruction. There is a processing fee for each transcript and each duplicate diploma.

Why should you take the GED Test? A GED certificate is widely recognized as the equivalent of a high school diploma and can help you in the following ways: Employment, Education, and Personal Development.

For More Information Please Contact:
Betty Lockwood
Director, Adult Basic Education
NHSC
PO Box 490
New Town, ND 58763
(701) 627-4738 ext. 8058
National Adult Education Honor Society (NAEHS):
The Nueta Hidatsa Sahnish College – Adult Basic & Secondary Education faculty and administration has been nominated the Bearer of Membership in the National Adult Education Honor Society (NAEHS). The membership in the honor society is based on a number of criteria including cooperation with fellow students and faculty, ability and desire to learn, initiative, perseverance, effort and academic achievement. Also based upon outstanding performance as an adult learner, we believe the nominee exemplifies these characteristics.

Fewer than three percent of those who attend adult education programs receive NAEHS recognition. The NAEHS Characteristics are Perseverance, effort, initiative, cooperation, and academic achievement.

For More Information, Please Contact:
Betty Lockwood
Director, Adult Basic & Secondary Education & Literacy Education
PO Box 490
Nueta Hidatsa Sahnish College
New Town, ND 58763
(701) 627-4738 ext. 8058

NHSC Singing Spring Library and Learning Resource Center

NHSC Singing Spring Library and Learning Resource Center is an integral part of the NHSC educational process. The online catalog and multitude of subscription databases are significant information resources that support student learning and are available through the Library and Learning Resource Center. The Library has a collection of over 12,000 volumes including serials, reference, fiction, and children’s titles. The circulating collection provides access to a number of resources in video, DVD, audiocassette titles and current paper periodical subscriptions. A prominent feature of the collection is the Native American Studies holdings. The Special Collections contains titles about the Mandan, Hidatsa, and Arikara tribes as well as a Native literary collection. The Special Collection may only be used on-site.

Services include:
- Research and Information Retrieval Assistance
- Circulation-Online Public Access Computer (OPAC)
- Instruction for Library and Information Resources
- Study Area
- Viewing/Meeting Room
- Interlibrary Loan
- Audio Equipment
- Computer Use
- Internet Evaluation and Search Strategies

Circulating books are loaned for two weeks. Periodicals are loaned for 2 days. Videos/DVDS are loaned on a refundable deposit basis.

Equipment provided for in-library use includes microform reader/scanner, DVD/VHS player, FAX machine, and photocopier.

The figure below is a map of the NHSC Library.

![NHSC Library Map](image)

Library information services correspond with student learning by assisting the student and faculty to find, retrieve, analyze and use information.

**Technology Department**
The Nueta Hidatsa Sahnish College Technology Department offers a wide variety of services to support students, faculty, staff, and community in the daily operational management of the campus information technology infrastructure. Some of the supported areas include Network Accounts, Campus Information Systems, network infrastructure, hardware & software applications, print services, distance education, campus communications, and Internet access.

The Technology Office is located where the Administrative wing and Hidatsa Hall meet in Room 23. Technology Staff are available at the Help Desk Monday thru Friday from 8am-5pm.
**Student Network Accounts**

All Students are assigned an NHSC Student Network Account. This account allows students to log into campus computers, access print services, utilize installed software applications, access the Internet, and has limited Network Storage Services. This service is governed by the NHSC Acceptable Use Policy and students are required to verify they have read and understand these rules of use. Students are assigned a username and password during registration.

**Student E-mail Accounts**

All students are assigned an NHSC Student e-mail account at Registration. NHSC Student e-mail is the official means of communication between the institution and the student. Students should check their e-mail account regularly for school announcements and communications from instructors and staff of the College. Student e-mail or Web-Mail is accessed through the NHSC Web Site and utilizes the student’s network username and password. This Web-Mail can be accessed from any computer on or off campus. Student e-mail and Network Accounts are kept active for 120 days after the students last semester of attendance.

**myNHSC Student Accounts**

myNHSC is a secure web portal that provides anytime, anywhere online access to a number of administrative, community and academic services such as: admission information, status of application, financial aid, course schedules, registration, degree audits, student grades and transcript requests, campus-wide announcements and calendars, discussion forums, bulletin boards, and online courses. Students are assigned a username & password that is provided at Registration or e-mailed to the students NHSC e-mail account at the end of registration. Students unable to log into their myNHSC should contact the Technology Office Help Desk at (701) 627-4738, Ext. 8024.

**Campus Computer Labs**

The NHSC campus contains numerous classroom and mobile computer labs spread throughout the campus and satellite campuses. All labs are available for student use when classes are not in session or reserved for other activities. All labs are equipped with PC based computers, Microsoft Vista or Windows 7 Operating Systems, which include Microsoft Office 2007 and many common third-party applications needed for classroom activities.

**Campus Wireless Access**

NHSC provides wireless internet access throughout all campus classrooms, offices and commons areas. Access is free and open to the public. Wireless connectivity is provided via the 802.11a and g spectrums. 802.11 g is backwards-compatible with 802.11 b. Printing is not currently supported for guests. Use of the campus wireless services is governed by the NHSC Acceptable Use Policy.

**Campus News & Events System**

- The **NHSC Web Site** is a great place to start to find information about the college. The web site is located at www.nhsc.edu.
- **myNHSC** contains announcements of interest to students.
- **Marquee** - NHSC utilizes 2 LCD Marquee in the main lobby, the Internet Lounge and a Web marquee on the NHSC Home page to alert the college community to important dates, events, news and closings. For more information contact Henry Sun at (701) 627-4738, Ext. 8056.

- **Emergency Closings** due to weather are aired on KXMX TV Channel 13, KMHA 91.3 FM, and the College’s Facebook page.

- **Nueta Hidatsa Sahnish College Facebook** provides a virtual social network and informational tool for members. Students who are members of Facebook can add NHSC to their profile to receive campus news and events, participate in student discussions, and receive real-time updates to their Facebook enabled cell phones via SMS text message.

- **Distance Education**
  - **North Dakota Interactive Video Network (NDIVN)** which allows students separated by great distances to see and talk to each other. Using the latest advances in communications technology NHSC can provide courses, meetings, and seminars with North Dakota University System institutions and North Dakota Tribal Colleges. With the addition of the NDIVN Lecture and Lab classrooms NHSC is capable of delivering quality post-secondary programs and services to students who would not otherwise have access to these courses, improve the quality of offerings by sharing knowledge, courses, services and resources with other institutions, expand services to the state through cooperative arrangements with elementary, secondary, and vocational education, state agencies, the private sector, and other states.
  - **CLAN - Closed Local Access Network** is very similar to the NDIVN Network. NHSC employs Reservation-wide video conferencing network to provide courses to our satellite campuses of Mandaree, Parshall, White Shield, and soon to Twin Buttes. Participants view and hear remote classrooms in color video (TV) and are able to view the instructor and classmates, while sharing computer content, such as Power Points, DVDs or other digital content.
  - **Online Courses** are accessed through the myNHSC Web Portal available at www.nhsc.edu. Students use their myNHSC account to access their online course content. This service allows students to access courses that are academically challenging and utilize secure web pages & communication tools; such as e-mail, chat, list, discussion boards, etc. to communicate with instructors & other classmates. Students are introduced to myNHSC during Student Orientation and are provided help or support throughout the year by the Technology Department. Students should have a working knowledge of the Internet, know how to use a web browser such as Internet Explorer, and be familiar with Microsoft XP/Vista/Windows 7 or compatible systems. Online courses can be accessed from any computer (With an Internet connection). More information can be found on the NHSC Web Site.

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**Student Clubs and Organizations**

The College encourages the development and maintenance of student clubs and organizations. Students are invited to participate in extra-curricular activities on campus. The American Indian Higher Education
Consortium (AIHEC) sponsors student activities which include Student Recognition Awards, Student Congress, Academic Bowl, Business Bowl, Speech/Drama, Math/Science, Art/Poster Contest and basketball tournaments. Some of the campus clubs are Student Nursing Organization (SNO), American Indian Business Leaders (AIBL), the All Chiefs Society, Arts Club, and the American Indian Science Engineering Society (AISES). The advisors for these clubs are volunteers and are generally faculty members, who have expertise and experience in specific areas.

**American Indian Business Leaders (AIBL)**

The American Indian Business Leaders (AIBL) gives Business students the opportunity to participate in tribal college competitions which focus on Leadership and Business related topics.

**American Indian Higher Education Consortium (AIHEC)**

AIHEC sponsors student activities; NHSC students take an active role in these activities, which include Student Recognition Awards, Student Congress, Academic Bowl, Business Bowl, Speech/Drama, Math/Science Poster contest, and Basketball Tournaments.

**American Indian Science and Engineering Society Chapter (AISES)**

AISES promotes science activities and participates in reservation-wide K-14 science related programs. Students are often able to travel to regional and national AISES Conventions to present their research.

**Arts Club**

In 2005, the Arts Club was chartered to involve students in furthering the Arts. The Arts club assisted the Welding program with creating an emblem of the NHSC logo to be put outside at the entrance of the College. Classes prepare Art Shows to exhibit student work each semester as well as participate in AIHEC.

**All Chiefs Society**

The All Chiefs Society is a Native American Studies organization dedicated to the preservation of the Mandan, Hidatsa, and Arikara culture, language, and history. The organization also provides leadership, education and research opportunities valuing our traditional way of life. The organization plans cultural events like hand games, powwows, colloquia, elder speakers to relay our oral tradition and more. The All Chiefs Society is open to students, faculty, NHSC alumni, and tribal members.

**Cultural Honors Society**

The Cultural Honors Society is an academic organization under the Native American Studies Department mentoring students willing to engage in rigorous scholarship. Major criteria for the
selection as one of four Cultural Honors Students include being on the honor roll and showing potential to conduct research. The research-based program serves to assist students in honing their research skills by conducting studies related to the Mandan, Hidatsa, and Arikara. Students receive opportunities to present their research locally, regionally, and nationally.

**NHSC Horse Nation Student Club**

As tribal people, our rich history includes close ties to our relatives, the Horse Nation. Today, while they may not have access to their own horses, many families are interested in continuing or returning to the horse culture way of life.

The NHSC Horse Nation Student Club is for any student who enjoys spending time with and/or learning about horses. The Student Club is part of the NHSC Horse Nation, which is an interdepartmental NHSC initiative working with our horse relatives to provide innovative learning, living, and community services. The Horse Nation provides:

- Weekly free family horsemanship lessons
- Special event activities/rides
- Specialty horse care and horsemanship clinics
- NHSC Rodeo Team
- Academic Horsemanship & Wellness classes

Along with all the fun, we know that these opportunities support healthy living through outdoor activities, positive social support, and cultural grounding.

**Science Research**

The Science Department at NHSC currently has grant programs that enable tribally enrolled students to be employed to conduct research projects. These grants provide students with supervised experience in the process of conducting scientific research including planning, designing, implementing, evaluating, and reporting on an individual research project.

These projects are on a wide array of environmental and biomedical sciences and are conducted with assistance from local, tribal, and federal agencies and personnel.

For further information on these programs, interested students should contact any science faculty member.

**Student Senate**

The Student Senate is the student’s chief governing body, and all enrolled students are automatically members. The Student Senate organizes various
student activities and college events, and it represents the students by giving them a voice to express their concerns and opinions to the faculty and administration. All students are encouraged to take an active role in this organization. Elections are held annually for officers from the membership at large. These offices include: Student body President, Vice President, Secretary, Treasurer and Student Representatives from the main campus and the communities. The Student Senate has a budget and a staff advisor.

Criteria for Executive Council:
Any student running for election for an officer position (President, Vice President, Treasurer, Secretary) must be a full-time student and must be carrying at least twelve credits. The District Representatives and the Public Relations Person must be at least part-time, carrying at least six credits.

All candidates except for the first year students must maintain the appropriate grade point average of 2.0.

Assessment of Student Learning: NHSC Philosophy of Assessment
Assessment of Student Learning at NHSC is designed to ensure that each segment of the College contributes in a positive way to the student’s learning experience. Nueta Hidatsa Sahnish College believes that:

- Continual assessment and feedback produces an academic environment that enables each student to progress toward his or her potential
- Nurturing students’ human potential is vital to the well-being of the MHA Nation
- Assessment supports the goal of producing students who can successfully continue their formal education at transfer institutions, or who are able to excel in their chosen career fields. Assessment also ensures the accountability of the college; validation of student learning likewise validates the expenditure of resources required to provide educational services.

Assessment is not confined to graduates. Upon entry to NHSC, all students who have not previously attended college, or plan to register for Mathematics or English courses, will be tested to determine proficiency in Mathematics, Reading, and Writing. These tests will ensure proper placement of students in these courses, maximizing the likelihood of student success.

It is vital that students give full effort when participating in Outcomes Assessment activities, in order that the College be able to document successful learning outcomes. Students should also be aware that some regular class assignments may be used for Assessment purposes as well as part of their grade in the class.

Student Learning Assessment is performed on several levels:

- **Institutional**—Have students internalized the Earth Lodge Model, and mastered the five Institutional Learning Objectives:
  1) Students will develop critical thinking skills
  2) Students will be able to clearly communicate both orally and in writing
3) Students will effectively utilize quantitative reasoning, scientific methods and technology
4) Students will acquire intellectual concepts and dispositions that enable them to live and contribute as active and successful tribally educated participants in a diverse and global society
5) Students will have an awareness of emotional, mental, physical, social, and spiritual wellness

- **General Education**—Have students demonstrated an understanding of principles, concepts, and methodologies both unique to and shared by the various disciplines? Have they attained the knowledge and skills necessary to understand and evaluate:
  o The physical world,
  o The contributions of both men and women,
  o Their culture and other cultures, and
  o The society in which they live?
Can they connect various fields of knowledge in order to become active participants in a diverse society?
- **Program (Field of Study)**—Have students mastered the stated outcomes relevant to their area of specialization?
- **Course**—Have students demonstrated competency in the learning objectives for a particular course?

### Academic Information and Policies
This bulletin provides the necessary information about academic policies and procedures of the College.

Students are expected to familiarize themselves with this information and be knowledgeable about the policies contained herein.

1. **Academic Advisor**
All students will be assigned an Academic Advisor, and are required to meet with this advisor during their first semester at NHSC, or prior to the completion of 16 semester hours of credit. Students must also meet with their advisor at or just prior to each term’s registration. Each student must also take a one credit course with their advisor during his/her last semester before graduation: Assessment of Student Learning (ASMT 200).

2. **Student Learning Assessment**
Students graduating from Nueta Hidatsa Sahnish College in selected disciplines must complete an Electronic Portfolio. The e-portfolio demonstrates student mastery of institutional and program learning outcomes.

Students are required to take an assessment examination upon entering NHSC, and again just prior to Graduation. The exit exam will be administered in the Assessment of Student Learning (ASMT 200) course.

All degree programs have instruments (tests, papers, projects, etc.) that measure attainment of Learning Objectives. These instruments are typically administered as part of classes taken in the
Spring of the Sophomore Year for Associate’s Degree programs, or in the Spring of the Senior Year for Bachelor’s Degree programs.

3. Course Placement Evaluation

Course Placement Evaluation for English and math courses is required for all new NHSC students and NHSC students who have never had an evaluation or the evaluation is over 5 years old. The placement evaluation ensures that all students take the right level of English and math courses. Research shows that taking the proper sequence of math and English courses helps the student in those courses and is also beneficial to other classes taken. The results of the placement evaluation or testing do not affect admission to NHSC, but are required to meet established criteria of NHSC.

Students who have taken college courses that fulfill the prerequisites for an NHSC English or math course will be placed in the appropriate course without further evaluation, but transfer courses must be evaluated for equivalency to NHSC course. Grades for these prerequisites must follow NHSC policy on grades for prerequisites, transfer grades, and requirements from some programs, such as Nursing (which requires a C or better in all courses applied to the major).

4. Declaration of Major

Students must declare a major during registration at NHSC. Only courses taken on the degree plan of that major can be used for computation of financial aid. During registration, students will be assigned an advisor in their area of study. At any time, if students wish to change their major, then they must fill out a Change of Major form found in the office of the Vice President of Academics and turn it in to the Registrar to record.

A student may declare more than one major, but is required to satisfy all the requirements for each major. Courses can be used for more than one major. A student must meet with each appropriate advisor to prepare a degree plan for each major. Degrees for each major will be posted separately on the student's transcript.

To receive financial aid, students are considered to have only one major and the courses they take that are covered by financial aid must be in the degree plan of that particular major. Financial aid will not cover courses in a second degree if the course is not required for the first degree. However, students taking 12 credit hours in their first major can take additional hours in the second major and receive full-time financial aid.

5. Student Classifications

The following student classifications for students attending NHSC are applied for Fall or Spring Semester:

- Full-Time Student: 12 credit hours or more
- Three-Fourths (3/4) Time Student: 9-11 credit hours
- One-Half (½) Time Student: 6-8 credit hours
- Less than half time: 1-5 credit hours
The following student classifications for students attending NHSC are applied for Summer Semester:

- Full-time Student: 6 credit hours
- One-Half (½) Time Student: 3 credit hours

To see a more detailed breakdown of student classifications, please refer to the student handbook.

6. Graduation Requirements
In order to graduate with a Bachelor of Arts Degree, Bachelor of Science Degree, Associate of Arts Degree, Associate of Science Degree, Associate of Applied Science Degree, or Vocational Certificate from the Nueta Hidatsa Sahnish College, candidates must:

a) Complete all general education and core professional requirements, or certificate requirements of the program in which enrolled.

b) Be enrolled at NHSC during their last academic term, except where the final term is completed elsewhere as part of an approved NHSC degree program. An example of such an exception is the Pre-engineering program, wherein students may transfer coursework back from the affiliated University after transferring in order to complete their Associate’s Degree in Pre-Engineering.

c) Have a minimum cumulative grade point average of 2.00; NOTE: Some programs (e.g., Teacher Education, Nursing) may have a higher GPA requirement, either cumulatively or by semester, AND may have restrictions on applying a course in which a grade of ‘D’ was earned toward the Degree; refer to the Program Description in this Bulletin, or consult Program faculty for details.

d) Submit Application for Graduation form prior to the deadline listed in the Academic Calendar. Students completing degree requirements in the Fall or Spring Semester must submit the form before the Spring deadline; those who complete degree requirements in the Fall Semester may submit the form prior to the Fall deadline. A completed degree plan must accompany the application for graduation.

e) Pay all financial obligations to the College.

f) Meet the residency requirement of NHSC, which is a minimum of 24 semester hours for an Associate of Arts, Associate of Science, and Associate of Applied Science Degree; the last 32 semester hours, for a Bachelor of Science or Bachelor of Arts Degree; 16 semester hours for a nine (9) month Vocational Certificate.

g) Return all NHSC property to the College. This includes library materials, laboratory equipment, sports equipment, and any other property and supplies.

h) Where applicable, complete an e-portfolio as a graduation project.

i) Complete the assessment examination within the ASMT 200 course.

j) Candidates for a Bachelor of Arts or Bachelor of Science Degree must have passed 32 semester credits in upper-division (courses numbered 300 and above) courses.
7. Commencement
The College has one formal graduation ceremony held in May. Students who complete their degree requirements in the Fall Semester are encouraged to attend the May ceremony. Students graduating in the Spring Semester are expected to attend the graduation ceremony, or make arrangements to receive their degrees by mail.

8. Grading
The College uses letter grades to evaluate a student’s work in each course. The student is responsible for meeting the course requirements in order to receive a grade and credit. The instructor determines the final grade. The number of honor points earned and grade interpretations are:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Interpretation</th>
<th>Honor Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Above Average</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Below Average</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>0</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
<td>0</td>
</tr>
<tr>
<td>GF</td>
<td>Grade Forgiveness</td>
<td>0</td>
</tr>
<tr>
<td>WF</td>
<td>Unearned F</td>
<td>0</td>
</tr>
</tbody>
</table>

Pass (P) grades may only be given for internships, practicum, workshops, and courses with notification to the Curriculum Committee.

9. Auditing a Course Policy
1. If a student wants to officially register for a class without earning a letter grade or credit, the course may be scheduled as an audit. The cost incurred is $40.00
2. A student auditing a course may be required to participate fully in the class. Expectations should be clarified with the course instructor at the start of the semester.
3. To schedule an audit, the student registers for the course in the Registrar’s Office. The student should write “AU” in place of credits on the form. The course will appear on the student’s semester schedule as though it has been scheduled for credit.
4. A course may be dropped for credit and added for audit or dropped for audit and added for credit only during the drop/add period for the course. Student Accounts will be notified and will make changes on the student bill.
5. A course scheduled for audit will appear on the student’s record with the symbol “AU” if attendance was regular or “W” if the attendance was unsatisfactory. No credit is earned, and the student’s grade point average is not affected.
6. Credits for a course being audited are counted by the Registrar as part of a semester credit load in determining an overload. Credits for a course being audited are not counted for the following:
   a. Determining enrollment
   b. Determining financial aid status

10. Academic Bankruptcy
1. Nueta Hidatsa Sahnish College has a policy for allowing a student who has experienced academic problems to apply to the Student Affairs Committee in writing for Academic Bankruptcy.

2. Academic Bankruptcy is designed for the student who has had an extremely poor start academically; it allows grades to be forgiven in semesters for which the student was on probation or suspension status. All courses for that semester will remain on the transcript with a grade of ‘GF’, which will not be used in calculating the cumulative GPA.

3. If Academic Bankruptcy is granted for a semester, then NO course in that semester may be used to fulfill graduation requirements.

4. To apply for Academic Bankruptcy, the student must first maintain Satisfactory Academic Progress for two semesters.

5. Academic Bankruptcy can be granted for more than one semester, but it will be granted only once throughout the academic career at Nueta Hidatsa Sahnish College.

6. Bankruptcy does not clear an individual’s record of previously attempted credits and grade point average for Title IV funding.

7. A student who is using Veterans Administration benefits must consult the veteran’s education representative before applying for Academic Bankruptcy.

**11. Changing Grades**

A course grade is considered final unless the student or instructor files an appropriate appeal. For the student who has reason to believe the grade issued is incorrect, the following Grade Appeal Procedure must be followed:

**STUDENT APPEAL PROCEDURE**

A student has up to six (6) weeks from the end of the semester from which the final grades were submitted to initiate an appeal.

1. Initial Appeal: The student must discuss the grievance with the instructor or staff member from whom the disagreement stems. If the matter cannot be settled at this point, the student then has the responsibility to confer with the Vice President of Academics within three (3) working days. The student may ask a faculty or staff member to attend the meetings with the student.

2. Submission of Written Appeal: If the student is not satisfied with the verbal conference with the Vice President of Academics, she/he must submit a written Appeal to the Vice President of Academics within five (5) working days and she/he will receive a written response from the Vice President of Academics within five (5) working days.

3. Appeal Committee: If the student is not satisfied with the written response, she/he has five (5) working days to request in writing that the Appeals Committee hear the matter. This request is given to the Vice President of Academics and a hearing will be scheduled within five (5) working days.

The committee shall be comprised of the following:

a. Vice President of Academics
b. Faculty Chair or Academic Dean (unless he/she is party to the appeal)
c. One faculty member selected by the student
d. One staff member selected by the student
e. Vice President of Student Services

4. Committee Procedure:
   a. The student will address the Committee, stating his/her reasons for believing that the grade should be changed. The student should have a written synopsis of his/her argument.
   b. The committee will then hear from the instructor, who will provide his/her arguments for keeping the current grade. The instructor should likewise bring any supporting documents that he/she feels are relevant.
   c. The committee shall then vote on the appeal; the VP of Academics shall vote only to break a Tie.
   d. The Committee’s decision shall be submitted in writing to the President within five (5) working days of the hearing, and the President may either uphold or over-rule it.
      - The instructor may appeal a decision in favor of the Student.
      - If the Committee votes to deny the appeal, the President will automatically review the decision.
      - The President shall transmit (via letter, e-mail, or both) the final outcome of the appeal.

The recommendations of this committee will be given to the NHSC President within five (5) working days of the hearing. The President will have an additional five (5) working days to decide whether to accept the recommendation of the committee or to render a different decision. The President will notify the student in writing within that time frame.

The decision of the President is final and there are no further means of appeal to be made.

INSTRUCTOR APPEAL PROCEDURE
An instructor has up to six (6) weeks from the end of the semester from which the final grades were submitted to initiate an appeal.

If an instructor feels that she/he submitted the incorrect grade for a student, he/she must submit a written Appeal to the Vice President of Academics. The Appeal must fully explain the error(s) made, and provide documentation that the student earned a grade different from the one submitted. A completed Change-of-Grade Form should accompany the Appeal. The instructor will then receive a written response from the Vice President of Academics within five (5) working days.

The Vice President of Academics may either: 1) Approve the change, sign the change-of-grade form, and forward it to the Registrar; -OR- 2) Convene the Appeals Committee, which shall approve or disapprove the appeal.

12. Grade Point Average
A student’s scholastic standing of Grade Point Average (GPA) is obtained by dividing the number of honor points earned for that semester by the current total semester hours attempted. The cumulative or total GPA is obtained by the same method using overall semester hours attempted and overall honor points earned from NHSC and all transferred credit. Grades of W, P, and I are disregarded when figuring grade point averages.
Figuring Grade Point Average

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Grade</th>
<th>Credit Hour</th>
<th>Honor Points</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110</td>
<td>B</td>
<td>4</td>
<td>x 3</td>
<td>12</td>
</tr>
<tr>
<td>MA 101</td>
<td>C</td>
<td>4</td>
<td>x 2</td>
<td>8</td>
</tr>
<tr>
<td>TS 113</td>
<td>A</td>
<td>4</td>
<td>x 4</td>
<td>16</td>
</tr>
<tr>
<td>ECON 201</td>
<td>F</td>
<td>3</td>
<td>x 0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>15</strong></td>
<td></td>
<td><strong>36 Points</strong></td>
</tr>
</tbody>
</table>

Semester GPA: 36/15 = 2.40

13. Transfer Credits

Students who have attended college elsewhere must notify Nueta Hidatsa Sahnish College of all previous enrollments. Students are required to have all official transcripts sent to the Registrar.

Courses taken at another institution will be evaluated for possible transfer credit. To be transferred the coursework must meet the following criteria:

- Course was earned at an accredited institution
- It is college-level coursework (minimum of 100-level)
- The student received at least a C in the course
- The coursework is documented on an official transcript sent to the NHSC Registrar from the Institution at which the coursework was completed
- The completed course has sufficiently equivalent content to the course required by NHSC

A student’s academic advisor will determine which credits satisfy specific curriculum requirements within the student’s degree plan. This process may require more information on the course content (course descriptions, syllabi, etc.) when obtainable.

The advisor will record the transferred courses and the number of credits transferred on the student’s degree plan and then provide this information to the Registrar. Only courses documented on an official transcript will be evaluated.

Transfer credits that apply to the student’s degree plan will be used to calculate their overall GPA. If a student changes degree plans, the credits for the previous degree plan will continue to be used to calculate GPA.

14. Administrative Drop

NHSC faculty members reserve the right to withdraw a student from any course. Prior to an administrative drop, the faculty must send an Early Alert Form to alert the student. The purpose of administrative withdrawal is to limit the financial liability and academic consequences for the student.

Reasons for administrative drop include, but are not limited to:

- Lack of attendance – Students who have excessive or extended absences in a face-to-face class may be dropped. It is up to
each instructor as to what is excessive or extended, and will differ depending on the course length and weekly schedule. Students in on-line, hybrid, or independent study courses who fail to make contact with the instructor either in person or electronically within the first two weeks and/or a minimum of once a week thereafter may also be dropped.

- Prerequisites not met – Students who are unable to show completion of required courses or who do not have the background needed to succeed in the course may be dropped.

- Academic dishonesty – Students involved in any form of dishonesty may be dropped as per discretion of the instructor.

Students should not assume they are automatically withdrawn. Instead, they are strongly encouraged to check with the instructor of the course.

Students will remain responsible for any financial liability they have incurred, less applicable refunds, and for any academic and financial aid consequences due to the administrative withdrawal.

If an administrative withdrawal occurs before the add/drop date set by the registrar’s office, the course will not appear on the student’s transcript. After add/drop date, a “W” will appear for that course. An administrative drop can be given up to two weeks before the last day to withdraw as assigned by the registrar’s office.

Students will receive notification from the registrar by mail that they will be administratively dropped if they do not directly appeal to the instructor within one week. A copy of the notification will be sent directly to the instructor as well as to the Vice President of Student Services for recording.

Students who feel they have been wrongfully withdrawn should follow the appeal process:

1. A student has one week from receiving the notification from the registrar to appeal in writing to the instructor. The instructor will meet with the student within three working days.

2. If the matter cannot be settled within those three working days, the student has the responsibility to confer with the Vice President of Academics within three additional working days. The student must give a copy of the written appeal to the Vice President of Academics. The Vice President of Academics will meet with the student, Faculty Chair, faculty member, and the Vice President of Student Services. A recommendation and/or decision will be made at this meeting.

3. The student must attend class during the appeal process. If he/she does not attend class during the appeal process, the Vice President of Academics may decide to omit step 2 of the appeal process, and the student will remain administratively withdrawn.

15. Course Challenge
The Challenge Program at NHSC is designed to free students from taking courses where content has already been mastered. Students enrolled at NHSC in good standing may submit a request to challenge any courses listed in the college bulletin. Students are allowed to challenge three credits
per semester, but students cannot challenge more than twelve credits. The same course may not be challenged twice.

The procedure for challenging a course is:
1. Contact the course instructor to obtain approval for a challenge exam or credit for prior learning/training, using the Course Challenge Form (CCF).
2. If approval is obtained, present the form to the Vice President of Academics for approval.
3. Present the form to the Business Office and pay any fees due.
4. Return a copy of this form to the instructor and arrange to take the examination or submit documentation of prior learning/training; the instructor will note the grade, and provide a ‘P’ or ‘F’ on the form.
5. Return the completed form to the Vice President of Academics for the office records.
6. The instructor forwards the grade to the Registrar’s Office. Credit is given if a grade of “C” or better is reported on the exam, or documentation of prior learning/training is deemed sufficient.
7. An exam to challenge a course may be taken only once; refusal of documentation of prior learning/training may be appealed to the Vice President of Academics.

16. Incompletes
The Incomplete (I) grade may be granted when students are unable to complete course requirements for reasons beyond their control or by circumstances created by the college. A contact, complete with requirements, between the student and the instructor, must be signed by the student, the instructor, and the Vice President of Academics, and submitted to the Registrar. The instructor and the Registrar’s Office will retain a copy of the contact requirements. The time deadline (no later than the end of the 6th week of the following semester for Fall and Summer classes, or the end of the following Summer term for Spring classes) negotiated by the student and the instructor for completing the work will be included in the requirements. A ‘Default’ letter grade, which indicates the student's final grade if no additional work is submitted, is indicated on the Contract. Instructors MUST submit a Change-of-Grade Form to the Registrar by the end of the Incomplete Contract period to award the student a grade other than the Default.

17. Satisfactory Academic Progress (SAP)
NHSC has set the following standards for maintaining Satisfactory Academic Progress:

A student pursuing a Bachelor’s Degree is required to complete a minimum of 120 semester hours, and is considered to be making satisfactory academic progress if their semester GPA meets the following minimum standards.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Semester GPA</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td>1.50</td>
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<tr>
<td>Second</td>
<td>1.75</td>
</tr>
<tr>
<td>Third and following</td>
<td>2.00</td>
</tr>
</tbody>
</table>

A student pursuing an Associate of Arts or Associate of Science Degree is required to complete a minimum of 60 semester hours, and is considered to be making satisfactory academic progress if their semester GPA meets the following minimum standards.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Semester GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>1.50</td>
</tr>
</tbody>
</table>
Vocational Students are considered to be making satisfactory academic progress if their semester and cumulative GPA meet the following minimum standards.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Semester GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
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</tr>
<tr>
<td>Second</td>
<td>2.00</td>
</tr>
<tr>
<td>Third and following</td>
<td>2.00</td>
</tr>
</tbody>
</table>

All Students must have a 2.00 cumulative GPA to graduate.

18. Academic Probation and Suspension

Academic Probation or Suspension occurs under the following conditions:

a) Academic Probation
   Academic Probation occurs when a student’s GPA does not meet the SAP criteria previously listed. Such students will remain on Continued Academic Probation at the end of the next semester if their semester or cumulative GPA falls below the minimum standards.

b) Reinstatement
   Students must achieve the minimum SAP standards for both the semester and cumulative GPA in order to be removed from academic probation status.

c) Academic Suspension
   Any student who fails in two (2) successive semesters to achieve Satisfactory Academic Progress will be suspended. This academic suspension means that the student will not be eligible to enroll for a period of one (1) semester. The student can appeal their academic suspension within thirty-(30) days of the Registrar receiving final grades. When the student returns, the student enters on Continued Academic Probation.

   ▪ Upon the student’s return, if the student fails to make Satisfactory Academic Progress, per NHSC minimum semester and cumulative GPA standards, the student will be suspended for a period of one (1) academic year.
   ▪ Students may appeal suspension through the Student Affairs Committee as found in the NHSC Student Handbook.
   ▪ Students must file a petition with the Vice President of Student Services to enroll at NHSC after each Academic Suspension.

19. Grade Reports

Final grade reports are reported on myNHSC at the end of the semester. Only final grades are recorded on the transcripts.

20. Transcripts

An official transcript contains the Registrar’s signature, official stamp and College seal. Official transcripts are sent only between
institutions. An unofficial transcript does not have the Registrar’s signature, official stamp, or College seal. It is issued directly to the student.

All financial obligations to the college must be paid prior to the release of an official transcript.

All attempts will be made to release transcripts within five (5) working days. This will give the College processing time to verify whether financial obligations exist.

Transcript Request Procedure:
The Registrar will process a transcript request using the following procedures:
a) Obtain a Request for Transcript form.
b) Return transcript form or written request to the Registrar.
c) If financial obligations exist and a transcript is not released, the Registrar will notify the student in writing.

Note: Transcripts will not be issued as a result of telephone requests.

21. Scholastic Honors
NHSC acknowledges the importance of awarding deserving students who have distinguished themselves by their high scholastic achievement. These students will be placed on the Scholastic Honor Roll at the end of each semester. In order to be eligible, students must have been enrolled full time and have no Incomplete grades. The required GPAs are:

   a) President’s List:
      Have achieved a GPA in the range of 3.80 to 4.00 for the semester.

   b) Dean’s List:
      Have achieved a GPA in the range of 3.50 to 3.79 for the semester.

   c) Honor List:
      Have achieved a GPA in the range of 3.00 to 3.49 for the semester.

22. Scholastic Honors at Graduation
Students receiving an Associate’s Degree may graduate with one of two distinctions:
   1. High Honors is awarded to the graduate who has achieved a cumulative GPA of 3.80 and above.
   2. Honors is awarded to the graduate who has achieved a cumulative GPA of 3.50 to 3.79.

Students receiving a Bachelor’s Degree may graduate with one of three distinctions:
   1. Summa Cum Laude is awarded to the graduate whose grade-point average is 3.900 or higher.
   2. Magna Cum Laude is awarded to the graduate whose grade-point average is 3.700-3.899.
   3. Cum Laude is awarded to the graduate whose grade-point average is 3.500-3.699.

Honor graduates must complete the minimum required semester hours at NHSC.

23. Attendance
Instructors will inform the students at the beginning of the course in writing of their attendance policy. In case of illness, it is the responsibility of the student to notify the instructor. Students who expect to be absent for a legitimate reason must notify their instructors prior to their absence. The instructor will decide whether the student should be allowed credit for make-up work. Instructors determine the point at which absences become excessive and a written warning (Early Warning Form) will be given to the Student Services Office. The Vice President of Student Services and Guidance Counselor will be notified of all excessive absences.

24. Repeating a Course
Students may repeat a course. However, the first grade is never removed from the transcript, except in cases of Academic Bankruptcy/Grade Forgiveness. The last grade a student receives in the repeated course is used in computing the cumulative GPA.

25. Final Exam Policy
Students are required to take their finals during the time scheduled by the instructor. A make-up final will be granted when students are unable to take the regularly scheduled final for reasons beyond their control or by circumstances created by the College.

26. Add/Drop Procedures
A student who has registered and who wishes to change a class or classes may obtain an add/drop form from the Registrar. The last day to add or drop a course is listed in the Academic Calendar. If dropped by this deadline, the course will not appear on the student’s transcript. If a student drops a course after this deadline, a letter grade of “W” will appear on the student’s transcript. Exceptions to deadlines require going through the Student Affairs Review Process described below. Students do not drop simply by ceasing to attend class; they must sign an official drop form.

Procedures: Students will use the following procedures to add and drop courses.
  a) Obtain Add/Drop form from the Registrar.
  b) Complete Add/Drop form.
  c) Obtain advisor’s and instructor’s signatures.
  c) Return form to Registrar; retain copy of Add/Drop form.

The Student Affairs Review Process has been established for students who encounter situations involving extenuating circumstances, or emergencies potentially affecting their educational records, that fall outside the realm of normal NHSC policy and procedures. Students may petition to be withdrawn from a class after the drop deadline for non-academic emergencies, such as a serious injury or illness, death in the family, and under some circumstances, employment. For more information on the Student Affairs Review Process refer to the Student Handbook.

27. Total Withdrawal from College
Students who wish to withdraw from all classes must do so before the deadline listed in the Academic Calendar. If a student withdraws prior to this deadline, a “W” will be entered on the transcript for each course in which the student was registered. Students who do not formally withdraw or do so after the deadline, will receive a letter grade as assigned by the instructor. Students do not withdraw simply by non-attendance. They must sign an official withdrawal form. 

**Note:** Students who withdraw after the fourth week are still responsible for their full educational cost.

**Procedure:** The following procedure will be used to totally withdraw from college.

- a) Obtain withdrawal form from the Registrar.
- b) Complete the form.
- c) Obtain the Counselor’s signature by completing an Exit Interview.
- d) Obtain Vice President of Student Service’s and Advisor’s signatures.
- e) Return form to Registrar; retain copy of Withdrawal form.

**28. Credit/Semester Hour Description**

At Nuea Hidatsa Sahnish College the Fall and Spring semesters are college terms averaging fifteen (15) weeks of instruction and one (1) week for final exams, for a total of sixteen (16) weeks. In a lecture course, a semester hour of credit represents fifteen contact hours; in a laboratory course, one semester hour of credit represents thirty contact hours; and in practica and field experience courses, a semester hour of credit is equivalent to forty-five contact hours. As is typical for institutions of higher education, for every hour spent in class, students are expected to work on the course for two hours out-of-class.

**29. Bulletin/Course Expiration**

A student returning to NHSC after more than five years must adopt the bulletin in use at the time of his/her return. This means that no degree plan more than five years old may be used by a student. Students also need to be aware that a course taken more than seven (7) years prior to the student’s current semester may need to be re-taken. This varies by department; the student and his/her advisor, should consult with the relevant Department Chair to determine whether the course(s) in question are still valid.

**30. Course Load Limitation**

A normal course load for a full-time student in the Fall or Spring semester ranges from twelve (12) to sixteen (16) semester hours. A student wishing to enroll in more than eighteen (18) semester hours must obtain prior approval from the Vice President of Academics.

Course load requirements may vary in Vocational certificate programs.

A student will not be allowed to enroll in more than two (2) concurrent courses during a summer session. Overload credits must be approved by the Vice President of Academics.

**Overload Requirements:**

- a) A prior semester grade point average of 3.00.
- b) No incomplete grades.
- c) Approval of the Vice President of Academics

The following procedures will be used to petition for overload:
a) Obtain Petition for Overload form from the Academic Dean.
b) Complete the form.
c) Obtain Advisor and Vice President of Academics signatures.
d) Return form to Registrar.

31. Independent Study
An Independent Study is regular coursework presented on an individualized basis. The number of contact hours between student and instructor must total at least 15.

Independent study is available only to sophomore (or senior, in baccalaureate programs) students who need a particular course to complete the requirements of an established program of study in order to graduate by the end of that semester.

For each course taken by independent study, the student must complete an independent study contract with the instructor and Vice President of Academics; a copy of this contract must be submitted to the Registrar. The contract must specify the meeting times between Student and instructor, and have attached a copy of the course syllabus to indicate that the student is expected to complete all assignments and exams required of regular students.

A $50 fee will be charged to the student for each Independent Study class.

Independent study should NOT be viewed as a Bypass for the regular class; students who have failed or withdrawn from the regularly scheduled class within the prior academic year will need to justify in writing (and, where appropriate, with documentation) their reasons for not completing the regularly scheduled class.

Requirements:
   a) A prior semester grade point average of \textit{3.00}.
   b) No incomplete grades.
   c) Approval of the Vice President of Academics

Procedures: The following procedures will be used to request an Independent Study:
   a) Obtain an Independent Study Contract Template
   b) Complete the Contract,
   c) Obtain all required signatures.
   d) Submit contract to the Registrar along with the Registration Form

32. Enrollment Policy for Dual Enrollment and Credit
Dual Credit:
The fifty-fifth legislative assembly of the State of North Dakota passed senate bill number 2033 at the 1997 session. The bill allows juniors and seniors in North Dakota’s public schools to take courses offered by an approved post-secondary institution for both high school and post-secondary credit. Dual Credit students are limited to two courses per semester and the course(s) must be at
Freshman Level. Dual credit students must submit a Dual Credit Form that they receive from their high school for each course and follow standard admission procedures. Only high school students are eligible for the Dual Credit program.

Dual Enrollment:
High school juniors and seniors may apply for admission to take courses. A Dual Enrollment student is not seeking Dual Credit. Dual Enrollment students are limited to two courses per semester and the course(s) must be at Freshman Level. Students must follow standard admission procedures.

33. Minimum Class Size
According to NHSC policy, classes offered and held must have a minimum of five (5) paying students. The only exception to this is if a student needs the class to meet requirements for graduation in the current term. In order for anyone to audit the class there must first be five (5) paying students; this also includes full-time faculty and personnel.

34. Student Classification
Freshman - earned less than 32 credits.
Sophomore - earned from 32 to 60 credits.
Junior - student is in a baccalaureate program and has earned from 61 to 90 credits.
Senior - student is in a baccalaureate program and has earned over 90 credits.

Student Emergency Fund
The Student Emergency Fund may be available to provide students with assistance in funding for academic and retention purposes. Students are required to be in good standing with class attendance and grades and are required to do three hours of community services within NHSC. Contact the Vice President of Student Services for assistance.

Bookstore
The Bookstore is located in the east wing across from the cafeteria. Textbooks, school supplies, clothing, and a variety of other items are available for students, faculty, staff and the community. The Bookstore is open from 1:00 p.m. to 4:30 p.m. Monday through Friday. For more information contact: Bookstore Manager (701) 627-4738 ext. 8051.

Housing
NHSC may have options available for student housing. Please contact the Director of Housing for information at 701-627-4738 ext. 8071.

Food Services
Drinks are available via vending machines.

The Student Union contains a cafeteria, which provides breakfast and lunch, plus special meals by prior arrangement. Please contact the Food Service Director for more information at 701-627-4738 ext. 8065.
Programs of Study

Degrees
The Nueta Hidatsa Sahnish College curricula are organized programs of study designed to provide opportunities for developing the necessary skills, competencies, and experiences in chosen program areas. This will enable students to achieve their educational goals.

The Nueta Hidatsa Sahnish College offers the Bachelor of Arts Degree, Bachelor of Science Degree, Associate of Arts Degree, Associate of Science Degree, Associate of Applied Science Degree, and Vocational Certificate of Completion.

Bachelor of Arts & Bachelor of Science
The Bachelor of Arts (B.A.) & Bachelor of Science Degree (B.S.) programs are designed to provide a recognized course of instruction that leads to professional competence in the student’s area of study. These programs also prepare the student for graduate work in the field.

The two (2) Bachelor of Science Degree Programs offered at the Nueta Hidatsa Sahnish College are:

- Elementary Education
- Environmental Science

The one (1) Bachelor of Arts Degree Program offered at the Nueta Hidatsa Sahnish College is:

- Native American Studies

Associate of Arts & Associate of Science
The Associate of Arts (A.A.) & Associate of Science Degree (A.S.) programs are designed to provide a recognized course of instruction that leads to credits transferable to other institutions of high education. These programs also prepare the student for employment in a variety of areas.

The seven (7) Associate of Arts Degree Programs offered at the Nueta Hidatsa Sahnish College are:

- Business Administration/Management
- Addiction Studies
- Early Childhood Education
- Elementary Education
- Human Services
- Liberal Arts
- Native American Studies

The four (4) Associate of Science Degree Programs being offered at the Nueta Hidatsa Sahnish College are:

- Environmental Science
- Mathematics
- Pre-Engineering
• Science
A fifth program, Equine Studies is seeking approval by the Higher Learning Commission.

Associate of Applied Science
The Associate of Applied Science Degree (A.A.S.) is designed to lead the individual directly to employment in a specific career. The degree plan indicates the number of required credits.

The two (2) Associate of Applied Science Degree (A.A.S.) Programs offered at the Nueta Hidatsa Sahnish College are:
  • Construction Technology
  • Information Management Specialist

  • Nursing is currently offered through Williston State College

Vocational Certificates
Nueta Hidatsa Sahnish College recognizes a continuing need to expand educational opportunities beyond the traditional academic disciplines. The Vocational curriculum is designed to meet practical instruction and training needs of the Reservation communities. Vocational Education Certificates provide an alternative approach to educational programs both in design and duration.

The six (6) Vocational Certificates offered at NHSC are:
  • Administrative Assistant
  • Child Development Associate
  • Construction Technology (9 mo)
  • Commercial Driver’s License Program
  • Marketing/Entrepreneurship
  • Welding Program (9 mo)

NHSC’s Institutional Learning Outcomes
General education at the Nueta Hidatsa Sahnish College is an integral and important part of the student’s college experience. General education provides students learning experiences that reinforce NHSC’s Institutional Learning Outcomes:
  1. Students will develop critical thinking skills.
  2. Students will be able to clearly communicate both orally and in writing.
  3. Students will effectively utilize quantitative reasoning, scientific methods and technology.
  4. Students will acquire intellectual concepts and dispositions that enable them to live and contribute as active and successful tribally educated participants in a diverse and global society.
  5. Students will have an awareness of emotional, mental, physical, social, and spiritual wellness.
General Education Requirements

The following general education requirements must be completed to earn a Bachelor of Arts, Bachelor of Science, Associate of Arts, Associate of Science, or Associate of Applied Science degree from Nueta Hidatsa Sahnish College.

**Bachelor of Arts (BA), Bachelor of Science (BS), Associate of Arts (AA), & Associate of Science (AS)**

36 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition (ENG 110 and ENG 120)</td>
<td>6 credits</td>
</tr>
<tr>
<td>Communication (COMM 110)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>6 credits</td>
</tr>
<tr>
<td>Arts &amp; Humanities</td>
<td>6 credits</td>
</tr>
<tr>
<td><em>NAS 201 History of the Three Affiliated Tribes</em> (3 credits) and <em>Tribal Language</em> (3 credits) are both required*</td>
<td></td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics (MA 103 or higher)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Technology</td>
<td>3 credits</td>
</tr>
<tr>
<td>Wellness</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

**Institutional specific**

PSY 100 Psychology of Student Success                   | 1 credit |
ASMT Assessment of Student Learning                     | 1 credit |

**Associate of Applied Science (AAS)**

22 Credit Hours

<table>
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<th>Course</th>
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</thead>
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<td>3 credits</td>
</tr>
<tr>
<td>Communication (COMM 110)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social Sciences/Arts &amp; Humanities</td>
<td>6 credits</td>
</tr>
<tr>
<td><em>NAS 201 History of the Three Affiliated Tribes</em> (3 credits) and <em>Tribal Language</em> (3 credits) are both required*</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Technology</td>
<td>3 credits</td>
</tr>
<tr>
<td>Wellness</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

**Institutional specific**

PSY 100 Psychology of Student Success                   | 1 credit |
ASMT Assessment of Student Learning                     | 1 credit |
## Eligible Courses for General Education Domains

### Composition & Communication
*(9 Semester Hours)*
- ENG 110 Composition I 3
- ENG 120 Composition II 3
- COMM 110 Fundamentals of Public Speaking 3

### Arts & Humanities
*(6 Semester Hours)*
- ART 130 Drawing I 3
- ART 160 Painting I 3
- EDU 238 Children’s Literature 3
- *ENG 211 Introduction to Creative Writing* 3
- ENG 265 Native American Literature 3
- GAT 103 Electronic Imaging I 3
- GAT 109 Electronic Imaging II 3
- HUM 101 Humanities I 3
- *HUM 102 Humanities II* 3
- *HUM 104 Native American Women* 3
- *PHIL/NAS 203 Native American Philosophy* 3
- NAS 101 Introduction to Indian Studies 3
- NAS 102 Comparative Spiritual Beliefs 3
- NAS 103 Cultural Foundations of the TAT 3
- NAS 105 Native American Art 3
- NAS 113 Hidatsa I 3
- NAS 114 Hidatsa II 3
- NAS 115 Mandan I 3
- NAS 116 Mandan II 3
- NAS 117 Arikara I 3
- NAS 118 Arikara II 3
- NAS 201 History of the TAT 3
- *NAS 205 NA Indian Issues in Film* 3
- NAS 213 Tribal Government 3

### Social Sciences
*(6 Semester Hours)*
- *ANTH 104 Cultural Anthropology* 4
- HIST 103 United States to 1877 3
- HIST 104 United States Since 1877 3
- HIST 220 North Dakota History 3
- CJ 201 Criminal Justice 3
- ECON 201 Microeconomics 3
- ECON 202 Macroeconomics 3
- *GEOG 150 Introduction to Geography* 3
- POL SCI 114 American Government 3
- POL SCI 115 State and Local Government 3
- POL SCI 234 Basic Indian Law 3
- *POL SCI 250 Public Administration* 3
- PSY 111 Introduction to Psychology 3
- PSY 250 Developmental Psychology 3
- PSY 270 Abnormal Psychology 3
- SOC 110 Introduction to Sociology 3
- *SOC 115 Family Science* 3
- SOC 215 Marriage and the Family 3
- SWK 255 Social Work as a Profession 3
- SWK 256 Introduction to Social Welfare 3

### Mathematics
*(3 Semester Hours)*
- MA 103 College Algebra 4
- MA 104 Finite Mathematics 4
- MA 105 Trigonometry 2
- *MA 106 Ideas in Math* 3
- MA 107 Pre-Calculus 4
- *MA 208 Discrete Mathematics* 4
- MA 210 Elementary Statistics 4
- MA 165 Calculus I 4
- *MA 166 Calculus II* 4

### Laboratory Science
*(4 Semester hours)*
- BIO 206 Ethnobotany 4
- BIO 111 Concepts of Biology 4
- BIO 124 Environmental Science 4
- BIO 150 General Biology I 4
- BIO 151 General Biology II 4
- BIO 202 Introduction to Microbiology 4
- BIO 220 Anatomy and Physiology I 4
- BIO 221 Anatomy and Physiology II 4
- CHEM 115 Introductory Chemistry 4
- *CHEM 116 Intro to Organic and Biochemistry* 4
- CHEM 121 Chemistry I 4
- CHEM 122 Chemistry II 4
- GEOL 100 Earth Science 4
- PHY 105 Physical Science 4
- PHY 211 Physics 4
- PHY 251 University Physics I 4

### Technology
*(3 Semester Hours)*
- CSCI 101 Introduction to Computers 3
- CIS 115 Using the Internet 1
- CSCI 120 Intro to Computer Programming 3
- *CSCI 160 Computer Science I* 3
- *CSCI 161 Computer Science II* 3
### Wellness (2 Semester Hours)
- ARSC 261 Basic Horsemanship 2
- ARSC 361 Intermediate Horsemanship 2
- HPER 101 Walking 1
- HPER 102 Fitness 1
- HPER 103 Archery I 1
- HPER 104 Advanced Fitness 1
- HPER 105 Aerobics 1
- HPER 115 Golf 1
- HPER 150 Advanced Basketball 1
- HPER 210 First Aid/CPR 2
- HORT 111 Organic Gardening I 3
- HORT 112 Organic Gardening II 3
- NAS 120 Native American Hand Games 3
- NAS 119 Native American Singing 3
- NAS 204 Native American Health Perspectives 3
- NAS 225 Traditional Gardening & Foods 3
- NAS 309 Amer. Indian Religion & Spirituality 3
- PSY 115 Horses & Holistic Health 2

### NHSC Institutional requirements (2 Semester Hours)
- PSY 100 Psychology of Student Success 1
- ASMT 200 Assessment of Student Learning 1
Alphabetical Listing of Programs

Administrative Assistant

Degree: Certificate of Completion
Credit Hours Required: 42
The Administrative Assistant Program is nine (9) months covering two semesters. The purpose of the program is to train students to meet the secretarial/clerical needs of the local communities. The student will be awarded a Certification upon completion of the program.

The Accounting/Business Administration program prepares students for positions in the accounting and business world, or, for transfer to a four-year college or university. The curriculum is designed to introduce students to the fundamental of accounting, as need in the advanced, technological business world of today. This includes an understanding of basic concepts, and definitions, as well as learning the characteristics and methods used in modern businesses. The Business Administration curriculum is designed to offer students an introduction to business, economics and business law.

The Nueta, Hidatsa and Sahnish Nations’ history, language, social, and spiritual culture is incorporated over entirety of course or as specific course subject requires. The individual instructor will actively seek culturally relevant materials to incorporate into the classroom setting.

Learning Objectives:
- The student will be able to describe and illustrate the basic accounting systems for service and merchandising business, and financial statements.
- The student will develop correct stroking techniques using the typewriter and/or microcomputer keyboard. Proficiency in the application of skills used to complete simple letters manuscripts, and tables.
- The student will learn to create, edit, save and print documents along with advanced word processing features.
- The student will develop basic principle and practices of record management and able to apply the four basic filing systems: Alphabetic, subject, numeric and geographic.
- The student will be able to demonstrate an understanding of activities and duties required, including good office communications, using reference materials, proofreading techniques, and work procedures.
- The student will be able to demonstrate how to work and communicate professionally with employees and the general public.

General Education Requirements
BOTE 210 Business Communications 3
NAS 201 History of Three Affiliated Tribes 3
MATH 101 or higher 3
PSY 100 Psychology of Student Success 1
ASMT 200 Assessment of Student Learning 1
Total Semester Hours: 11

Core Requirements
ACCT 220 Accounting I 3
BOTE 102/152/202 Keyboarding I/II/III 9
BOTE 188 Computerized Accounting 3
BOTE 217 Records Management 2
BOTE 247 Spreadsheets 3
BOTE 257 Introduction to Database Management 3
BOTE 275 Office Procedures 3
BOTE 297 Business Internship 2
BOTE 147 MS Word 3
Total Semester Hours: 31
Cumulative Hours: 42

Business Administration/Management

Degree: Associate of Arts
Credit Hours Required: 66-67
This program will prepare persons for positions in the accounting/business world, for transfer to a four-year college. It will also prepare students for an administrative or management-related career or for the development and operation of a small business depending on the electives selected by the students.

The Accounting/Business Administration program prepares students for positions in the accounting and business world, or for transfer to a four-year college or university. The curriculum is designed to introduce students to the fundamental of accounting, as need in the advanced, technological business world of today. This includes an understanding of basic concepts, and definitions, as well as learning the characteristics and methods used in modern businesses. The Business Administration curriculum is designed to offer students an introduction to business, economics and business law.

The Mandan, Hidatsa, and Arikara Nations’ history, language, social, and spiritual culture is incorporated over entirety of course or as specific course subject requires. The individual instructor will actively seek culturally relevant materials to incorporate into the classroom setting.

Learning Objectives:

- The student will be able to describe and illustrate the basic accounting systems for service and merchandising business, and financial statements.
- The student will be able to demonstrate and understand contacts, agencies, employment and negotiable instruments, including individual and group behavior with an organization.
- The student will be able to describe and demonstrate the fundamentals of the management process, focusing on the concepts and techniques basic to the manager, including planning, organizing, leading and controlling.
- The student will learn to create, edit, save and print documents along with advanced word processing features.
- The student will be able to demonstrate an understanding of activities and duties required, including good office communications, using reference materials, proofreading techniques, telephone usage, and mail and work procedures.
• The student will be able to demonstrate how to work and communicate professionally with employees and the general public.

**Professional Course Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 200</td>
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</tr>
<tr>
<td>ACCT 201</td>
<td>Accounting II</td>
<td>3</td>
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<tr>
<td>ACCT 203</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>BADM 120</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 147</td>
<td>MS Word</td>
<td>3</td>
</tr>
<tr>
<td>BADM 225</td>
<td>Human Behavior in Organization</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 275</td>
<td>Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Micro-Economics</td>
<td>3</td>
</tr>
<tr>
<td>MA 210</td>
<td>Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Semester Hours:** 28

**Electives:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 205</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BADM 291</td>
<td>Leadership Development</td>
<td>2</td>
</tr>
<tr>
<td>BADM 297</td>
<td>Internship</td>
<td>2</td>
</tr>
<tr>
<td>BADM 205</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total** 2-3

**Total Semester Hours:** 30-31

**General Education Course Requirements**

See: General Education Requirement

**Total Semester Hours:** 36

**Cumulative Hours:** 66-67

---

**Commercial Driver’s License Training Program**

**Certificate of Completion:** Department of Transportation CDL Permit

**Department of Transportation CDL License**

**Credit Hours Required:** 15

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDL 101 Commercial Driver’s License Training I</td>
<td>3</td>
</tr>
<tr>
<td>CDL 102 Commercial Driver’s License Training II</td>
<td>12</td>
</tr>
</tbody>
</table>

**Cumulative Hours:** 15

Criteria for admission: Students must possess a valid Driver’s License, be able to pass a background, drug and alcohol test, and prove US Citizenship. The student may not hold a driver’s license in another state, concurrently with a North Dakota CDL license. All licensure is granted by the North Dakota Department of Transportation. NHSC will issue a certificate of completion for the work but only the
**DOT Licensure** authorizes driving of a commercial vehicle. Testing for Permit and License is completed at authorized DOT facilities.

Classes will be offered fall spring and summer of each semester. CDL 101 and 102 are expected to be taken together as a unit.

**Learning Objectives:**
- The student will pass the ND DOT Written CDL Class A Permit Test.
- The student will pass the ND DOT CDL Class A Driving Test.

---

**Construction Technology 9-Month**

**Certificate of Completion: Construction Technology**

**Credit Hours Required: 31**

The purpose of the Construction Technology Certificate Program is to train the student with enough carpentry skills to begin work in the Building Trades field of work. The students will also be training to start his/her own contracting business with the small business that the Carpentry Program will be operating.

The student who successfully completes the 9-month certificate training will be entered into the National Craft Training Registry. This Registry also provides transcripts and certificates of recognition for craft workers.

The first year student will learn about safety, hand tools, power tools and the basics of how a house is built from the planning to the finished house.

**Learning Objectives:**
- The student will be able to read a tape measure accurately and perform his or her task in a safe manner
- The student will be able to identify the different adhesives and fasteners used in the construction industry
- Students will be able to estimate how much material he or she needs to finish a construction project
- Students will be able to identify the tools needed for a construction project
- The student will demonstrate proficiency by safely using hand tools, power tools, pneumatic tools

**Professional Course Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT 101 Core Curriculum</td>
<td>4</td>
</tr>
<tr>
<td>CT 102 Carpentry 1</td>
<td>4</td>
</tr>
<tr>
<td>CT 103 Carpentry Lab 1</td>
<td>6</td>
</tr>
<tr>
<td>CT 104 Carpentry 2</td>
<td>4</td>
</tr>
<tr>
<td>CT 105 Carpentry Lab 2</td>
<td>6</td>
</tr>
<tr>
<td>BOTE 210 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>PSY 100 Psychology of Student Success</td>
<td>1</td>
</tr>
</tbody>
</table>
Education--Teacher Education Department

“Those Who Teach”
Agumaagigu'uckike (Hidatsa)

Overview:
The Nueta Hidatsa Sahnish College Teacher Education Department offers six (6) degrees/certificates.

EARLY CHILDHOOD EDUCATION:
• Child Development Associate Credential
• A.A. Early Childhood Education

ELEMENTARY EDUCATION:
• A.A. Elementary Education
• B.S. Elementary Education
• B.S. Elementary Education
  o with an endorsement in Middle School Math
• B.S. Elementary Education
  o with an endorsement in Middle School Science

The aim of our Teacher Education Programs is to train teacher candidates to be leaders in facilitating the most effective instruction that boosts academic achievement, particularly in the areas of mathematics and science. We work very closely with MHA Education, Head Start, and the New Town, Mandaree, Parshall, Twin Buttes, and White Shield schools as well as the surrounding school communities.

Mission and Vision of the Teacher Education Department:
The mission of the Teacher Education Department is to integrate our four core merits of Comprehension, Constructivism, Culture and CREDE (principles of research, education, diversity, and excellence) into the teacher education program. The four core merits connect our children’s learning to their environment and make meaning in their lives.

The vision of the Teacher Education Department is for our teachers to create learning experiences that preserve our past and prepare and empower our youth for the future.

We train candidates in early childhood and in elementary education.

Early Childhood Education:

Child Development Associate (CDA) Credential
Certificate of Completion: Child Development Associate
Credit Hours Required: 13
A CDA is used primarily for paraprofessional teacher’s aide or independent business owners to comply with state licensure requirements.
Program Outcomes:
- The candidate will begin to demonstrate an understanding of advancing positive, safe, healthy, and creative learning in an early childhood setting, a classroom, and at home
- The candidate will begin to demonstrate an understanding of developmental stages of children from pre-birth to age 8

Professional Course Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 210 Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>EC 220 Early Childhood Development: Pre-birth through Age Eight</td>
<td>3</td>
</tr>
<tr>
<td>EC 222 Program Administration</td>
<td>2</td>
</tr>
<tr>
<td>EC 233 Curriculum Instruction &amp; Learning Environments</td>
<td>2</td>
</tr>
<tr>
<td>EC 236 Positive Child Guidance</td>
<td>2</td>
</tr>
<tr>
<td>EC 290 Pre-Professional Experience</td>
<td>1</td>
</tr>
</tbody>
</table>

Cumulative Hours: 13

Early Childhood Education, AA

Degree: Associate of Arts
Credit Hours Required: 71
The Early Childhood Education program is designed to prepare candidates for employment in various human services positions, such as Head Start teacher or assistant teacher, parent educator, preschool teacher, teacher’s aide, social services paraprofessional, and/or independent business owner. The main goal of the Early Childhood Development degree program is to provide candidates with the knowledge and skills necessary for success in working with children in a variety of settings.

Learning Objectives:
- The candidate will be able to demonstrate an understanding of advancing learning in an early childhood setting or classroom
- The candidate will be able to demonstrate an understanding of developmental stages of children from birth to age 8
- The candidate will be able to demonstrate an understanding of children’s language development & writing processes

Core Requirements (31 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Foundation</td>
<td></td>
</tr>
<tr>
<td>EC 210 Intro to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 210 Intro to Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>EC 211 Observation &amp; Assessment</td>
<td>2</td>
</tr>
<tr>
<td>EC 213 Young Children's Language &amp; Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EC 220 Early Childhood Development: Pre-birth – age 8</td>
<td>3</td>
</tr>
<tr>
<td>EC 222 Program Administration</td>
<td>2</td>
</tr>
<tr>
<td>EDU 305 Diversity &amp; Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EC 233 Curriculum, Instruction, and Learning Environments</td>
<td>2</td>
</tr>
<tr>
<td>EC 234 Learning and Play</td>
<td>3</td>
</tr>
<tr>
<td>EC 236 Positive Child Guidance</td>
<td>2</td>
</tr>
</tbody>
</table>
EC 238 Home, School, Community Relations 3
EC 290 Pre-professional Experience 1
EC 295 Practicum 2

Additional Requirements
HPER 210 First Aid/CPR 1
EDU 238 Children’s Literature (Humanities) 3
PSY 250 Developmental Psychology (Social Science) 3

Total Semester Hours: 35

General Education Course Requirements
See: General Education Requirement
GEOL 100 Earth Science (Lab Science) 4
-OR- BIO111/ BIO 150 Biology I (Lab Science) 4
-OR- PHY 105 Physical Science (Lab Science) 4
PSY 111 Intro to Psychology (Social Science) 3
SOC 110 Intro to Sociology (Social Science) 3
CSCI 101 Intro to Computers 3

Total Semester Hours: 36

Cumulative Hours: 71

Elementary Education
NHSC has developed a constructivist-based teacher education program with both on-site courses and distance learning technology. We are a model for the preparation of elementary teachers who are tribally educated and globally prepared. Education concerns identified by our tribal members include the severe need to recruit and retain enrolled members as candidates and to promote and provide for their explorations and understandings of: Tribal values, customs, languages and histories for stronger cultural programs for our children and children of the future. In addition, our candidates explore diversity through connections to students on Fort Berthold and in surrounding communities.

Education: Elementary Education, AA

Degree: Associate of Arts
Credit Hours Required: 71
We invite you to explore our Elementary Education program. The Associate of Arts degree in Elementary Education offers students the opportunity to advance into a four-year degree program.

Learning Objectives:
- The candidate will be able to develop and revise documenting growth and new understanding to articulate a written personal philosophy of education as it relates it to a career in education
- The candidate will be able to apply the four merits: Culture, Constructivism, Comprehension, and CREDE (research, education, diversity, excellence) in the writing and delivery of at least two exemplary, standards-based lesson plans
Professional Course Requirements:  
EDU 210 Intro to Exceptional Children 3  
EDU 222 Technology for Teachers 3  
EDU 224 Fine Art Methods 3  
EDU 232 Classroom Management & Learning Environments 3  
EDU 237 Music for Elementary Teachers 2  
EDU 250 Intro to Education 3  
EDU 273 Physical Science for Elementary Teachers 4  
MA 277 Math for Elementary Teachers 3  
EDU 298 Pre-Professional Experience 1  

Additional Requirements:  
EDU 238 Children’s Literature 3  
GEOL 100 Earth Science 4  
HIST 220 North Dakota History 3  

Total Semester Hours 35

Specified General Education Course Requirements:  
BIO 111 Concepts of Biology -OR- BIO 150 General Biology I 4  
HPER 210 First Aid/CPR 1  

General Education Course Requirements  
See: General Education Requirement  

Total Semester Hours: 36

Cumulative Hours: 71

Education: Elementary Education, BS

The Mada Maagarishtauo Awa Hee Aadsa Maa Aru Maa Giguckiigash (The ones that teach our children how everything on this earth works) program at NHSC prepares candidates to teach grades 1 through 6.

During their junior and senior years, candidates work as a cohort or learning community, taking courses together and interacting in a weekly teacher education seminar to build, reflect, and gain perspective on their experiences.

Criteria for the Admission to Teacher Education

The student who intends to pursue a program in teacher education must apply to the Teacher Education Department and be approved for admission into the program. An applicant must meet the following criteria to be considered for admission:

1. A minimum cumulative grade point average of 2.50  
2. Satisfactory academic performance in ENG 110, ENG 120 and COMM 110  
3. Academic performance of C or better in MATH 103 – College Algebra (an A or B grade, if completing a B.S. in Elementary Education with an Endorsement in Middle School Math)  
4. Successful completion of the Praxis I exam, known as the Core Academic Skills for Educators, with a satisfactory score required by the state of North Dakota. Candidates can be admitted
provisionally with notification in writing that Praxis I needs to be completed by the beginning of their junior year and with the understanding that they must successfully complete EDU 235 Praxis I Preparation (1 credit).

**Required Tests:**

<table>
<thead>
<tr>
<th>Test</th>
<th>Core Skills Test Code</th>
<th>Qualifying Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>5712</td>
<td>156</td>
</tr>
<tr>
<td>Writing</td>
<td>5722</td>
<td>160</td>
</tr>
<tr>
<td>Math</td>
<td>5732</td>
<td>150</td>
</tr>
</tbody>
</table>

Core Academic Skills: Applicants must meet individual qualifying scores in Reading, Writing, and Math or meet qualifying scores on 2 of the tests and have a composite score of 466.

Retakes can be completed once every 21 days.

5. Written recommendations from three professionals
6. Essay on why the student would like to enter the teacher education program
7. Work in progress on the electronic portfolio
8. Professional resume
9. Demonstrate a commitment to the learning community model
10. Agree to fulfill service to education or a related field on Fort Berthold, upon graduation
11. Exhibit suitable character necessary to teach

The Teacher Education Department and a committee consisting of faculty and staff will interview the applicant, review the documentation, and make a recommendation. If the applicant is denied admission due to a condition that can be corrected, the applicant may reapply when the deficiency is removed, or may be put on interim probation.

**Continuance in Teacher Education**

In order to continue in the teacher education program, the candidate must:

1. Maintain a minimum cumulative grade point average of 3.0 and earn a grade of a B or better in courses taken after admission to the program.
2. Exhibit suitable character and evidence of good conduct, physical and mental health.
3. Continue to obtain satisfactory recommendations from faculty, staff, and field experience supervisors.
4. Prepare to pass the Praxis II exams with a satisfactory score required by the state of North Dakota for Principles of Learning and Teaching and Curriculum, Instruction and Assessment, Grades 1-6.

If requirements are not maintained, the Teacher Education Department and a committee consisting of faculty and staff may recommend probation or suspension from the program. Any such action would be reflected in a letter from the Teacher Education Department to the candidate.

**Student Teaching**
Student teaching is the concluding experience of the Teacher Education Program at Nueta Hidatsa Sahnish College. It is completed during the candidate’s final semester and requires at least 16 full-time consecutive weeks. During this time, candidates apply what they have learned through their college course work and field experiences. Student teaching allows the pre-service teachers a time to plan and carry out lessons that follow our four core merits: culture, constructivism, comprehension and CREDE. They also use a variety of assessment techniques to determine suitability of the lessons, success of instruction and understanding of their own students. During this time, it is expected that the pre-service teachers will experience and learn additional decision making skills, instructional approaches, classroom management courses of action, and general competence.

Criteria for Admission to Student Teaching
A candidate must meet the following criteria to be considered for admission to student teaching:

1. Senior standing or equivalent with a minimum cumulative grade point average of 3.0 or better since admission to the teacher education program.
2. Maintain excellent attendance in classes and field experiences.
3. Successful completion of the Praxis I and Praxis II exams as per qualifying state scores.
4. Continued satisfactory performance on all criteria for admission and retention in the teacher education program.
5. Completion of the professional education sequence before student teaching. The Teacher Education Department in consultation with a committee of faculty and staff may make exceptions to this criterion if circumstances warrant.
6. Submission of student teaching application to the Teacher Education Department during the semester preceding student teaching.
7. A criminal background investigation including the Bureau of Criminal Investigation and Federal Bureau of Investigation must be completed prior to student teaching.
8. During student teaching, students will not be allowed to take more than three semester hours of credit during the 16 weeks of student teaching without approval from the Teacher Education Department. Classes cannot be taken during the daily full time student teaching assignment block.

Nueta Hidatsa Sahnish College reserves the right to have the candidates meet additional requirements that may be established by the Teacher Education Department.

Criteria for Graduation and Licensure Recommendation
The Teacher Education Department makes the recommendation for graduation and teacher licensure. In order to graduate and be endorsed for licensure, a candidate must meet the following requirements:

1. Cumulative grade point average of 3.0 or better since admission to the Teacher Education Program.
2. Completion of all program requirements, as defined by the Teacher Education Department.
3. Successful student teaching experience.
4. Successful completion and presentation of an electronic portfolio.
5. Successful completion of Praxis I, Praxis II, and all ND licensure requirements.

The Registrar sends the application to the North Dakota Education Standards and Practices Board (ESPB) for issuance of a teaching license.

Degree: Bachelor of Science
Credit Hours Required: 130

Our Bachelor of Science in Elementary Education Program, *Mada Maagarishtauo Awa Hee Aadsa Maa Aru Maa Giguckitigash* (The ones that teach our children how everything on this earth works), became accredited with the North Dakota Education Standards and Practices Board and the Higher Learning Commission in February, 2011.

Learning Objectives:

- The candidate will be able to develop and revise documenting growth and new understanding to articulate a written personal philosophy of education as it relates it to a career in education
- The candidate will be able to apply the four merits: Culture, Constructivism, Comprehension, and CREDE (research, education, diversity, excellence) in the writing and delivery of at least two exemplary, standards-based lesson plans
- The candidate will demonstrate an understanding of ND State Standards (Common Core Curriculum), InTASC Standards, and Core Merits (which include Culture, Constructivism, Comprehension and CREDE (research, education, diversity, excellence) as measured by an ePortfolio rubric

### Professional Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 210 Intro to Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>EDU 222 Technology for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDU 224 Fine Arts Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDU 232 Classroom Management &amp; Learning Environment</td>
<td>3</td>
</tr>
<tr>
<td>EDU 237 Music for Elem Teachers</td>
<td>2</td>
</tr>
<tr>
<td>EDU 250 Intro to Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 298 Pre-Professional Experience</td>
<td>1</td>
</tr>
<tr>
<td>EDU 300 Elementary Practicum I</td>
<td>1</td>
</tr>
<tr>
<td>EDU 305 Diversity &amp; Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 320 Curriculum, Instruction &amp; Assessment</td>
<td>2</td>
</tr>
<tr>
<td>EDU 392 Foundations, Issues, &amp; Trends</td>
<td>2</td>
</tr>
<tr>
<td>EDU 400 Elementary Practicum II</td>
<td>1</td>
</tr>
<tr>
<td>EDU 411 Educational Assessment &amp; Seminar (Fall-Junior Year)</td>
<td>1</td>
</tr>
<tr>
<td>EDU 412 Educational Assessment &amp; Seminar (Spring-Junior Year)</td>
<td>1</td>
</tr>
<tr>
<td>EDU 413 Educational Assessment &amp; Seminar (Fall-Senior Year)</td>
<td>1</td>
</tr>
<tr>
<td>EDU 414 Educational Assessment &amp; Seminar (Spring-Senior Year)</td>
<td>1</td>
</tr>
<tr>
<td>EDU 421 Math Methods &amp; Materials</td>
<td>3</td>
</tr>
<tr>
<td>EDU 422 Language Arts Methods &amp; Materials</td>
<td>2</td>
</tr>
<tr>
<td>EDU 423 Reading Methods &amp; Materials</td>
<td>3</td>
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<tr>
<td>EDU 424 Social Studies Methods &amp; Materials</td>
<td>2</td>
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<tr>
<td>EDU 426 Science Methods &amp; Materials</td>
<td>3</td>
</tr>
<tr>
<td>EDU 492 Student Teaching</td>
<td>12</td>
</tr>
<tr>
<td>EDU 240 Preparation for Praxis I (Optional, as needed)</td>
<td>(1)</td>
</tr>
<tr>
<td>EDU 241 Preparation for Praxis II</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Semester Hours**: 57

### Additional Requirements for Elementary Education Majors

- EDU 238 Children’s Literature                                      3
- PSY 250 Developmental Psychology                                   3
GEOL 100 Earth Science 4
HIS 220 North Dakota History 3
GEOG 150 Intro to Geography 3
MATH 277 Math for Elementary Teachers 3
HIS 103 United States History I 3
HPER 225 Elementary Health & Physical Education Methods 3
NAS 101 Intro to Indian Studies 3
MATH 377 Geometry for Elementary Teachers 3
PSY 230 Educational Psychology 3
EDU 273 Physical Science for Elementary Teachers -OR- 4
GEOL 210 Astronomy -AND EITHER- 3
PHY 211 Physics -OR- 4
CHEM 121 4
Total Semester Hours 37

Specified General Education Course Requirements:
HPER 210 First Aid/ CPR 1
BIO 111 or 150 Biology (Lab Science) 4
PSY 111 Intro to Psychology (Social Science) 3
SOC 110 Intro to Sociology 3
CSCI 101 Intro to Computers 3

General Education Course Requirements
See: General Education Requirement
Total Semester Hours: 36

Cumulative Hours: 130

Education: Elementary Education with an Endorsement in
Middle School Math or Middle School Science

Degree: Bachelor of Science with an Endorsement in Middle School Math or Science
Credit Hours Required: 30 (math) or 29 (science)
The *Mada Maagarishta ao Awa Hee Aadaa Maa Aru Maa Giguckiigash* (The ones that teach our children how everything on this earth works) program also offers a baccalaureate degree in elementary education with an endorsement in either Middle School Math or Middle School Science. A B.S. degree in Elementary Education with an endorsement in Middle School Math or Science will make candidates more employable and will prepare them to teach these content areas at the middle school level. Candidates choose an emphasis in math or science during their sophomore or junior year and complete additional coursework beyond the Elementary Education B.S. Program.

Learning Objectives:
- The candidate will be able to develop and revise documenting growth and new understanding to articulate a written personal philosophy of education as it relates it to a career in education.
- The candidate will be able to apply the four merits: Culture, Constructivism, Comprehension, and CREDE (research, education, diversity, excellence) in the writing and delivery of at least two exemplary, standards-based lesson plans.
- The candidate will demonstrate an understanding of ND State Standards (Common Core Curriculum), InTASC Standards, and Core Merits (which include Culture, Constructivism, Comprehension and CREDE (research, education, diversity, excellence) as measured by an ePortfolio rubric.

*Lesson plans and the ePortfolio will need to reflect middle school math or middle school science as well as elementary education.

**Professional Course Requirements**
(both Science & Math students):

<table>
<thead>
<tr>
<th>Credits</th>
<th>Middle School Course Requirements</th>
<th>Credits</th>
<th>Middle School Course Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EDU 402 Teaching Reading in the Content Areas/Diagnostic Reading</td>
<td>3</td>
<td>PSY 230 Educational Psychology</td>
</tr>
<tr>
<td></td>
<td>EDU 450 Middle School Curriculum &amp; Philosophies</td>
<td>2</td>
<td>EDU 451 Middle School Teaching Methods</td>
</tr>
<tr>
<td></td>
<td>EDU 452 Development of Young Adolescents</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Semester Hours</strong></td>
<td><strong>14</strong></td>
<td></td>
</tr>
</tbody>
</table>

Additional Requirements for Endorsement in Middle School Science

<table>
<thead>
<tr>
<th>Credits</th>
<th>Additional Requirements for Endorsement in Middle School Science</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GEOL 210 Astronomy</td>
</tr>
<tr>
<td></td>
<td>BIO elective</td>
</tr>
<tr>
<td></td>
<td>CHEM 115 or 121 Chemistry</td>
</tr>
<tr>
<td></td>
<td>PHY 211 Physics</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
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<tr>
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<td>4</td>
</tr>
<tr>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

Additional Requirements for Endorsement in Middle School Math

<table>
<thead>
<tr>
<th>Credits</th>
<th>Additional Requirements for Endorsement in Middle School Math</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MATH 165 Calculus I</td>
</tr>
<tr>
<td></td>
<td>MATH 210 Elementary Statistics</td>
</tr>
<tr>
<td></td>
<td>EDU 273 Physical Science for Elementary Teachers</td>
</tr>
<tr>
<td></td>
<td>PHY 211 or CHEM 115/121</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

Total Semester Hours

<table>
<thead>
<tr>
<th>Total Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>29 (Science), 30 (Math)</strong></td>
</tr>
</tbody>
</table>

**Environmental Science**

**Degrees: Associate of Science, Associate of Applied Science, and Baccalaureate of Science**

**Credit Hours Required: A.S.: 63-64 credits and B.S.: 121-122 credits**

The Environmental Science Program at NHSC focuses on integrating local Fort Berthold environmental issues with Mandan, Hidatsa, and Arikara cultures. The program will provide a solid foundation in a range of specialties including: water, air, and soil quality; wildlife, range, and fisheries management; toxicology; and resource conservation, which will enable our students to gain employment in a wide range of natural resource-related areas.
The two year Associate of Science degree flows seamlessly into the Bachelor of Science degree and graduates from NHSC’s environmental science program will be able to provide essential support for remediating, restoring, and managing local natural resources. The program will prepare students for employment in such fields as fish and wildlife management, recreation management, resource management, environmental quality and range/grasslands management. Although students will study a range of specialties, they should specialize in one of these fields through the choice of electives, the student internship, and their field research.

Learning Objectives:

After completing the Associate of Science in Environmental Science:

- The student will be able to apply the general knowledge and skills which are fundamental to a variety of academic disciplines.
- The student will be able to demonstrate the proper use of environmental sampling equipment in the classroom and in the field according to accepted “Standard Methods.”
- The student will be able to conduct field sampling and monitoring of air, water, soil and biomass using appropriate sampling equipment according to accepted “Standard Methods.”
- The student will be able to describe, orally and in writing, the similarities and differences between traditional native versus modern views of the Earth.
- The student will be able to describe biological, chemical and physical influences on the environment from human activities.
- The student will be able to demonstrate an understanding of the methodology in scientific research through completion of a research paper by selecting, integrating and synthesizing information.
- The student will be able to demonstrate effective literature review methodology by analyzing and evaluating the credibility and completeness of information sources.
- The student will demonstrate general knowledge of current environmental issues on local, regional and global scales.
- The student will be able to describe the interactions between and the interdependence of the Earth’s ecosystems.

After completing the Bachelor of Science in Environmental Science:

- The student will be able to demonstrate an understanding of advanced scientific research including project design, experimentation, statistical analysis and interpretation, writing and publication, and ethical considerations.
- The student will describe transport mechanisms for contaminants as they travel through various environmental media including water, soil, and air.
- The student will demonstrate current environmental issues on Fort Berthold as well as be able to associate them with Mandan, Hidatsa, and Arikara beliefs and cultures.
- The student will be able to explain wildlife population ecology and management options for game and non-game/range species.
- The student will understand the cultural environmental impact of the Mandan, Hidatsa, and Arikara Nation community.
- The student will explain the process involved in, the contents of, the analysis of, and the significance of environmental impact statements and assessments.
- The student will demonstrate the use of environmental geospatial tools.

**Associate of Science Degree:**
### Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 124 Environmental Science</td>
<td>4</td>
</tr>
<tr>
<td>BIO 151 Biology II</td>
<td>4</td>
</tr>
<tr>
<td>SOIL 210 Introduction to Soil Science</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121 Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 122 Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>Elective – Choose from one of the following:</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 125 Fundamentals of GPS/GIS/RS</td>
<td></td>
</tr>
<tr>
<td>ARSC 236 Introduction to Range Management</td>
<td></td>
</tr>
</tbody>
</table>

**Total** 22

### Research Component

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 225 Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>Elective – Choose from one of the following:</td>
<td>2/3</td>
</tr>
<tr>
<td>BIO 230 Field Research</td>
<td></td>
</tr>
<tr>
<td>BIO 297 Environmental Science Internship</td>
<td></td>
</tr>
</tbody>
</table>

**Total** 5-6

### Total Semester Hours

27-28

### General Education Requirements:

See: General Education Requirements

(Bio 150 Biology I and POLS 234 Basic Indian Law are directed electives under the Gen Ed Requirements)

**Total Semester Hours** 36

### Cumulative Hours

63-64

### Bachelor of Science Degree:

### Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 151 Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 124 Environmental Science</td>
<td>4</td>
</tr>
<tr>
<td>SOIL 210 Introduction to Soil Science</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 125 Fundamentals of GPS/GIS/RS</td>
<td>3</td>
</tr>
<tr>
<td>ARSC 236 Introduction to Range Management</td>
<td></td>
</tr>
<tr>
<td>GEOL 100 Earth Science</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 121 Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 122 Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 225 Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>Elective – Choose from one of the following:</td>
<td>2-3</td>
</tr>
<tr>
<td>BIO 230 Field Research</td>
<td></td>
</tr>
<tr>
<td>BIO 297 Environmental Science Internship</td>
<td></td>
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</tbody>
</table>

**Total** 34-35

### Professional Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 316 Global Climate Change</td>
<td>3</td>
</tr>
</tbody>
</table>
BIO 324 Ecology  3
BIO 331 Soil Ecology  3
BIO 350 Freshwater Ecology  4
BIO 370 Zoology  4
BIO 420 Air & Water Quality  4
BIO 421 Environmental Toxicology  3
BIO 422 Environmental Law  3
BIO 431 Wildlife & Fisheries Conservation & Management  3
ENG 452 Scientific Literature & Writing  3
BIO 460 TAT Environmental Issues, Beliefs & Ethics  3
BIO 493 Senior Research  3
Electives – choose 6 credits from the following:  8
   BIO 240 Ethnobotany (4 credits)
   BIO 433 Wildlife Ecology (3 credits)
   BIO 443 Range Ecology (3 credits)
   BIO 444 Grassland Ecology (3 credits)
   BIO 450 Mammalogy (3 credits)

Total  47

**Additional Courses**

MATH 210 Statistics  4

Total  4

**Total Semester Hours**  83-84

**General Education Requirements:**

See: General Education Requirements

(Bio 150-Biology I and POLS 234-Basic Indian Law are directed electives under the Gen Ed Requirements)

Total Semester Hours  36

Cumulative Hours  121-122

**Equine Studies***

Degree: Associate of Science
Credit Hours Required: 64

*This program is seeking approval from the Higher Learning Commission.*

The mission of the Equine Studies degree program is to provide students with a realistic venue for pursuing their passion for horses. The program is designed to increase students’ knowledge of the science, behavior, care, and management of horses, to expand their awareness of the equine industry well above that of the average horse-person, and to understand the importance of horses in native culture. NHSC’s experiential approach and broad-based curriculum allows the successful graduate to pursue a wide range of equine-related professions.

Students in the Equine Studies program will have options in electives to emphasize in Equine Assisted Learning or Natural Horsemanship. After completion of the A.S. degree at NHSC, students that interested in continuing on to a B.S. degree in Equine Science from another University are encouraged to take electives at the A.S. level in those subject areas.
Classes are taught both on campus and at the Healing Horse Ranch in Parshall, ND. Horses will be provided by the college for use in classes.

Program graduates will:
- Be well-versed in general knowledge about the equine industry including the common breeds, equine activities and events, and equine-related career options.
- Demonstrate knowledge of the horse in Native American, particularly Great Plains Indians, history and culture.
- Articulate the role of the horse in the fields of mental health, physical therapy, and education.
- Demonstrate intermediate horsemanship skills on the ground and mounted.
- Demonstrate proper equine safety procedures and communicate written safety policies.
- Communicate the principles of equine behavior and how they relate to horsemanship.
- Demonstrate methods of horsemanship based on the theories of natural horsemanship and similar disciplines.
- Are able to assess and work with a horse in most situations encountered during normal handling and riding activities.
- Are able to assist in community and youth horsemanship outreach programming
- Communicate principles of equine nutrition and basic horse care to maximize horse health and performance.
- Demonstrate competency of basic anatomy and physiology of the horse, and be conversant with the common disease and lameness problems seen in horses.
- Demonstrate mastery about selecting, evaluating, and purchasing horses.
- Implement basic preventative health programs for horses.
- Communicate effectively, both orally and in writing, on equine-related subjects with a wide variety of equine professionals and others in the industry.
- Possess the knowledge and skills required to assess a horse’s basic health status.
- Be able to assess a horse’s conformation and gait and relate it to that horse’s suitability, function, and health.
- Be able to recognize and evaluate a variety of horse feeds and pasture situations.
- Be conversant about and able to recognize common disease problems in horses.

### Core Requirements:

*BIO 150 and PSY 115 are required but counted toward the NHSC General Education Requirements*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 150 General Biology I &amp; Lab</td>
<td>2</td>
</tr>
<tr>
<td>PSY 115 Horses and Holistic Health</td>
<td></td>
</tr>
<tr>
<td>ARSC 161 Equine Business Management</td>
<td>2</td>
</tr>
<tr>
<td>ARSC 164 Equine Behavior, Ground Work, and Safety</td>
<td>2</td>
</tr>
<tr>
<td>ARSC 236 Introduction to Range Management</td>
<td>3</td>
</tr>
<tr>
<td>ARSC 260 Introduction to Equine Studies</td>
<td>2</td>
</tr>
<tr>
<td>ARSC 261 Basic Horsemanship</td>
<td>2</td>
</tr>
<tr>
<td>ARSC 265 Great Plains Indian Horsemanship</td>
<td>3</td>
</tr>
<tr>
<td>ARSC 360 Equine Nutrition and</td>
<td>3</td>
</tr>
<tr>
<td>ARSC 361 Intermediate Horsemanship</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>19</strong></td>
</tr>
</tbody>
</table>
Electives (pick 3)  
ARSC 123 Feeds and Feeding  3 
ARSC 297 Equine Training Techniques  3 
ARSC 365 Natural Horsemanship Methods  3 
ARSC 311 Explorations in Equine Assisted Learning  3 
ARSC 411 Equine Assisted Learning Practicum  3 
Total  9

General Education Requirements:  
See: General Education Requirements  
(BIO 150-Biology I and PSY 115-Horses and Holistic Health are directed electives under the Gen Ed Requirements)

Total Semester Hours  36

Cumulative Hours  64

Human Services

Degree: Associate of Arts  
Credit Hours Required: 65  
This program is to prepare persons for employment with paraprofessional positions in human services or for transfer to a four-year college. The curriculum is designed to develop the basic competencies necessary for employment in various human service settings.

Program Outcomes: Primary program outcomes include critical conceptualization of field concepts, multidimensional presentation skills, diversity and cultural competence, information and technology competence, field-relevant ethical understanding, personal and professional development competence.

Professional Course Requirements  
PSY 244 Dynamics of Addiction  3  
PSY 250 Developmental Psychology  3  
PSY 201 Dynamics of Adjusitive Behavior & Mental Health  3  
SWK 106 Domestic Violence  3  
SWK 250 Interpersonal Skills  3  
SWK 256 Social Welfare  3  
NAS 204 Native American Health Perspectives  3  
PSY 285 Practicum  2  
BOTE 102 Keyboarding I or Higher  3

Electives  
PSY 255 Adolescent Psychology  
PSY 270 Abnormal Psychology  
PSY 255 Social Work Profession  
SOC 215 Marriage & Family

Total Semester Hours: 26

General Education Requirements:
Information Management Specialist 18-Month

Degree: Associate of Applied Science
Credit Hours Required: 63

The Information Management Specialist Program is designed to provide students with the skills necessary to be employable in today’s automated office. Course work is specific enough to provide students with the tools to seek employment as a correspondence secretary, administrative secretary, and information processing specialists.

The Accounting/Business Administration program prepares students for positions in the accounting and business world, or for transfer to a four-year college or university. The curriculum is designed to introduce students to the fundamental of accounting, as need in the advanced, technological business world of today. This includes an understanding of basic concepts, and definitions, as well as learning the characteristics and methods used in modern businesses. The Business Administration curriculum is designed to offer students an introduction to business, economics and business law.

The Mandan, Hidatsa, and Arikara Nations’ history, language, social, and spiritual culture is incorporated over entirety of course or as specific course subject requires. The individual instructor will actively seek culturally relevant materials to incorporate into the classroom setting.

Learning Objectives:
- The student will be able to describe and illustrate the basic accounting systems for service and merchandising business, and financial statements.
- The student will be able to describe and demonstrate the fundamentals of the management process, focusing on the concepts and techniques basic to the manager, including planning, organizing, leading and controlling.
- The student will be able to demonstrate correct stroking techniques using the microcomputer keyboard, working towards proficiency in the application of typing skills used to complete simple letters, manuscripts and tables.
- The student will learn to create, edit, save and print documents along with advanced word processing features.
- The student will demonstrate basic principles and practices of record management and able to apply the four basic filing systems: alphabetic, subject, numeric and geographic.
- The student will be able to demonstrate and understand contacts, agencies, employment and negotiable instruments, including individual and group behavior with an organization.
- The student will be able to demonstrate an understanding of activities and duties required, including good office communications, using reference materials, proofreading techniques, telephone usage, and mail and work procedures.
- The student will be able to demonstrate how to work and communicate professionally with employees and the general public.
Professional Course Requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 200</td>
<td>Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 201</td>
<td>Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 225</td>
<td>Human Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>BADM 297</td>
<td>Business Internship</td>
<td>2</td>
</tr>
<tr>
<td>BOTE 102/152/202</td>
<td>Keyboarding/I/II/III</td>
<td>6</td>
</tr>
<tr>
<td>BOTE 147</td>
<td>MS Word</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 188</td>
<td>Computerized Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 217</td>
<td>Records Management</td>
<td>2</td>
</tr>
<tr>
<td>BOTE 247</td>
<td>MS Excel</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 257</td>
<td>MS Access</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 275</td>
<td>Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 120</td>
<td>Introduction to Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>Business Elective</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

Total Semester Hours: 41

General Educational Requirements:
See: General Education Requirement
Total Semester Hours: 22

Cumulative Hours: 63

Liberal Arts

Degree: Associate of Arts
Credit Hours Required: 62
The program is designed to provide students with the opportunity to acquire basic principles, skills, and information in major areas of study. It prepares students for transfer to a four-year college. Liberal Arts students will develop an understanding of the major cultural traditions.

Learning Objectives:
- Use critical thinking skills to identify problems, process alternatives, and choose appropriate solutions.
- Use math concepts and reasoning to solve problems in the real world.
- Demonstrate skill in writing and speaking to communicate effectively.
- Understand basic concepts of behavior and interrelationships across human societies and global cultures.
- Understand the major traditional themes and concepts of the Mandan, Hidatsa, and Arikara Cultures.
- Recognize the contributions of the arts and humanities to the world of ideas.
- Explore the physical and social environments using scientific tools and methods.

Professional Required Courses:

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities</td>
<td>9</td>
</tr>
<tr>
<td>Art</td>
<td>9</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
</tr>
</tbody>
</table>

63
Total Semester Hours: 26

General Education Requirements:
See: General Education Requirement
Total Semester Hours: 36

Cumulative Hours: 62

Marketing/ Entrepreneurship

Certificate of Completion
Credit Hours Required: 37
The Marketing/ Entrepreneurship certificate of completion is designed to provide students with a broad understanding and applicable knowledge of marketing and entrepreneurship career opportunities. The concepts and applications presented will prepare students to enter the job market and/or develop their own small business enterprise. The business internship will provide students with an opportunity to apply their knowledge and skill while acquiring training and job experience relevant to their field of study.

General Education Requirements: Credits
BOTE 210 Business Communications 3
NAS 201 History of the TAT 3
MA 101 or higher 3
PSY 100 Psychology of Student Success 1
ASMT 200 Assessment of Student Learning 1
Total Semester Hours: 11

Core Requirements:
ACCT 220 Accounting I 3
BOTE 147 MS Word 3
BADM 120 Introduction to Business 3
BADM 111 Introduction to Customer Service 3
BADM 201 Fundamentals of Marketing 3
BADM 110 Principles of Advertising 3
BADM 206 Writing a Business Plan 3
BADM 207 Business Internship 2
BADM Elective 3
Total 26

Cumulative Hours: 37

Mathematics

Degree: Associate of Science
Credit Hours Required: 65
The Mathematics Program is designed to prepare a student for entry-level studies in general mathematics and for further education in mathematics-related areas of study. A two-year curriculum in mathematics is available for students who plan to obtain an Associate in Science degree by completing the NHSC requirements.

Learning Objectives:
- Apply Mathematical reasoning and procedures to real-world problems.
- Communicate clearly, orally and in writing, the process by which they approach problems, and the conclusions drawn from solving them.
- Recognize the Historical Roots of Mathematics, and the ways in which Mathematics has affected the history of human intellectual endeavors.
- Utilize scientific methodology and Mathematical analysis to investigate their physical and social environments.
- Use technology to calculate, graph, and analyze data.
- Appreciate the history and culture of the Nueta, Hidatsa, and Sahnish people.

Professional Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 129 Basic Linear Algebra</td>
<td>2</td>
</tr>
<tr>
<td>MA 165 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MA 166 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MA 210 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MA 280 College Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MA Elective</td>
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<tr>
<td><strong>Total Program Hours:</strong></td>
<td><strong>29</strong></td>
</tr>
</tbody>
</table>

General Education Requirements

(See: General Education Requirement 36

| Total Semester Hours: | 65 |

Native American Studies

The NAS program is an interdisciplinary program focused on the Indigenous peoples of the Americas with an emphasis on the Plains Indians, particularly the Mandan, Hidatsa, and Arikara. The curriculum provides an interdisciplinary and scholarly approach to Native American Studies from a Native perspective. The comprehensive program structure is designed to prepare students for employment within and outside their Native communities, to provide foundational courses for students continuing in Native American Studies or entering other disciplines, and to offer intellectually stimulating studies for student scholars and community members. The NAS program uses a variety of applicable college resources ranging from laboratories of the hard science to the philosophical discussions of research methodologies proposed by other departments.

Degree: Associate of Arts
Credit Hours Required: 72
Two-Year Learning Objectives:
- Students will be able to explain the concept of tribal sovereignty and how it is affected by the federal trust relationship, and how it interfaces with the state government
- Students will know how tribal governments developed, and how they function today
- Students will understand the interplay of tribal history, culture, and politics in the shaping of tribal perspectives
- Students will be able to identify historical and cultural diversity in Native literature—both oral and written
- Students will demonstrate an understanding of historical and contemporary experiences and issues of Indigenous peoples in North America from the perspective of American Indian peoples

### General Education Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAS 201 History of the Three Affiliated Tribes</td>
<td>3</td>
</tr>
<tr>
<td>NAS 113 Hidatsa I, or NAS 115 Mandan I, or NAS 117 Arikara I</td>
<td>3</td>
</tr>
<tr>
<td>COMM 110 Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENG 110 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 120 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 101 Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>MA 103 College Algebra</td>
<td>4</td>
</tr>
<tr>
<td>PSY 111 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 100 Psychology of Student Success</td>
<td>1</td>
</tr>
<tr>
<td>SOC 110 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 206 Ethno Botany</td>
<td>4</td>
</tr>
<tr>
<td>ASMT 200 Assessment of Student Learning</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Semester Hours** 36

### Professional Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAS 101 Intro to Indian Studies</td>
<td>3</td>
</tr>
<tr>
<td>NAS 102 Comparative Spiritual Beliefs</td>
<td>3</td>
</tr>
<tr>
<td>NAS 105 Native American Art</td>
<td>3</td>
</tr>
<tr>
<td>NAS 114 Hidatsa II, or NAS 116 Mandan II, or NAS 118 Arikara II</td>
<td>3</td>
</tr>
<tr>
<td>NAS 121 History of Indian Education</td>
<td>3</td>
</tr>
<tr>
<td>NAS/PHIL 203 Native American Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>NAS 213 Tribal Government</td>
<td>3</td>
</tr>
<tr>
<td>POL SCI 234 Basic Indian Law</td>
<td>3</td>
</tr>
<tr>
<td>HUM 255 Native American Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 265 Native American Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Semester Hours** 30

### Native American Studies Electives

Choose from the following approved electives:

- NAS 119 Native American Singing
- NAS 120 Native American Hand Games
- BIO 124 Environmental Science
- NAS 205 Native American Issues in Film
- NAS 225 Traditional Gardening and Foods
- NAS 227 Native American Dance Clothing

6
NAS 304 Native American Art History 3
NAS 342 Native American Music 3

Cumulative Hours 72

Degree: Bachelors of Arts
Credit Hours Required: 123

Four-Year Learning Objectives:
- Students will engage in effective oral and written communication.
- Students will be able to conduct critical analyses of texts.
- Students will demonstrate a comprehensive understanding of contemporary and historical issues and ideas related to Native American peoples.
- Students will be able to conduct research independently, being aware of the available Native Studies resources and appropriate research methodologies.
- Students will demonstrate an understanding of historical and contemporary experiences and issues of Indigenous peoples in North America from the perspective of American Indian peoples

General Education Courses
ENG 110 English Composition I 3
ENG 120 Composition II 3
COMM 110 Fundamentals of Public Speaking 3
NAS 113 Hidatsa I, NAS 115 Mandan I, or NAS 117 Arikara I 3
NAS 201 History of TAT 3
PSY 111 Introduction to Psychology 3
SOC 111 Introduction to Sociology 3
MA 103 (or above) College Algebra 4
CSCI 101 Introduction to Computers 3
BIO 106 Ethnobotany 4
PSY 100 Psychology of Student Success 1
ASMT 200 Assessment of Student Learning 1

Total Semester Hours 36

Core Requirements
NAS 101 Introduction to Indian Studies 3
NAS 102 Comparative Spiritual Beliefs 3
NAS 105 Native American Art 3
NAS 114,116,118 (Circle One) Mandan, Hidatsa, Arikara II 3
NAS 121 Intro to History of Indian Ed. 3
PHIL/NAS 203 NA Philosophy 3
NAS 213 Tribal Government 3
POL SCI 234 Basic Indian Law 3
NAS 240 Research & Writing in Indian Studies 3
HUM 255 NA Children’s Literature 3
ENG 265 Native American Literature 3

Total Semester Hours 33
**Professional Development Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAS 301, 302, 303</td>
<td>(Circle one) Early History of the Mandan, Hidatsa, Arikara</td>
<td>3</td>
</tr>
<tr>
<td>NAS 330</td>
<td>Contemporary Plains Indian Cultures</td>
<td>3</td>
</tr>
<tr>
<td>NAS 331</td>
<td>Traditional Plains Cultures</td>
<td>3</td>
</tr>
<tr>
<td>NAS 350</td>
<td>American Indian Languages</td>
<td>3</td>
</tr>
<tr>
<td>NAS 352</td>
<td>Native American Philosophical Thought</td>
<td>3</td>
</tr>
<tr>
<td>NAS 385</td>
<td>Native American Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>BIO 388</td>
<td>Native American Ecological Knowledge</td>
<td>3</td>
</tr>
<tr>
<td>NAS 400</td>
<td>Indian Country Today</td>
<td>3</td>
</tr>
<tr>
<td>NAS 401</td>
<td>Evaluating Research of the TAT</td>
<td>3</td>
</tr>
<tr>
<td>NAS 402</td>
<td>Agricultural and Natural Resource Management in Native American Communities</td>
<td>3</td>
</tr>
<tr>
<td>NAS 415</td>
<td>History of American Indian Education</td>
<td>3</td>
</tr>
<tr>
<td>NAS 420</td>
<td>Federal Indian Law and Policy</td>
<td>3</td>
</tr>
<tr>
<td>NAS 424</td>
<td>Native American Oral Literature</td>
<td>3</td>
</tr>
<tr>
<td>NAS 499</td>
<td>Senior Thesis in Native American Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Semester Hours** 42

**Native American Studies Approved Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAS 304</td>
<td>Native American Art History</td>
<td>3</td>
</tr>
<tr>
<td>NAS 307</td>
<td>NA Leadership, Past-Present</td>
<td>3</td>
</tr>
<tr>
<td>NAS 308</td>
<td>Tribal, State, and Federal Programs</td>
<td>3</td>
</tr>
<tr>
<td>NAS 309</td>
<td>American Indian Religion and Spirituality</td>
<td>3</td>
</tr>
<tr>
<td>NAS 342</td>
<td>Native American Music</td>
<td>3</td>
</tr>
<tr>
<td>NAS 379</td>
<td>Special Topics</td>
<td>1-3</td>
</tr>
<tr>
<td>NAS 418</td>
<td>Native American Judicial Issues</td>
<td>3</td>
</tr>
<tr>
<td>NAS 425</td>
<td>Tribal Colleges and Higher Education</td>
<td>3</td>
</tr>
<tr>
<td>NAS 430</td>
<td>Native American Studies Internship</td>
<td>3</td>
</tr>
<tr>
<td>NAS 444</td>
<td>Native American Environmental Issues and the Media</td>
<td>3</td>
</tr>
<tr>
<td>NAS 492</td>
<td>Direct Readings</td>
<td>3</td>
</tr>
<tr>
<td>NAS 494</td>
<td>Independent Study</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Semester Hours** 12

**Cumulative Hours** 123

**NHSC/WSC* Dakota Nursing Program: Practical Nursing Program**

**Program Purpose**
The Practical Nursing Curriculum prepares individuals with the knowledge, abilities and skills to provide basic nursing care to individuals across the life span. Students will participate in the application of safe nursing care in a dependent manner under the supervision of a registered nurse, advanced practice nurse, or a licensed practitioner to meet the basic health needs of individuals. Graduates are eligible to apply to take the National Council Licensure Examination (NCLEX-PN®),
which is required for practice as a Licensed Practical Nurse. Employment opportunities include acute practice, long term care practice and community-based practice.

**Mission**
The mission of the Dakota Nursing Program is to provide quality undergraduate education, which prepares graduates for nursing practice in multiple-structured, culturally diverse health care settings for clients across the lifespan.

**Learning Objectives:**
The Dakota Practical Nursing Program will:
- Produce safe, competent practical nurses capable of passing the NCLEX-PN®.
- Serve as the foundation for further professional advancement and lifelong learning.
- Assist in meeting the needs of the community and greater surrounding area for Licensed Practical Nurses.

**Graduate Outcomes**
These outcomes describe the consortium expectations for graduates from the Dakota Practical Nursing Program. The graduate will:
1. Utilize the nursing process with guidance, to provide basic nursing care in meeting the human health needs of individuals across the lifespan with diverse cultural backgrounds.
2. Apply principles of social, biological, behavioral, and nursing sciences to the practice of nursing to identify the physical, psychological, and cognitive human needs of individuals along the health-illness continuum.
3. Demonstrate verbal, written and therapeutic communication when caring for individuals and interacting with families.
4. Practice within the ethical and legal framework for the practical nurse.
5. Function as an interdisciplinary team member by participating, planning, and implementing nursing care for clients with stable or predictable health problems and assisting with clients whose conditions are critical or unpredictable.

**Application Processes and Timelines**
1. Applications will be available at each college from January 15, until March 5. Any applications received after March 5 will be considered on available space.
2. Letters of acceptance will be sent by each respective college to students by April 30.
3. Students must return a written letter of acceptance to the college by May 15.
4. Each campus will release their student waiting lists by June 15.
5. DNP Director will coordinate admission processes and participate on designated admission’s committee on each campus.

**Admission Policy**
The Dakota Nursing Program prepares students to be able to work under the supervision of a registered nurse, advanced practice nurse, or a licensed practitioner. LPNs assist with the performance of acts, utilizing specialized knowledge, skills, and abilities for people in a variety of settings (ND Nurse Practice Act 2003). Employment is found in hospitals, nursing homes, health centers, and private clinics, as well as a variety of other settings. This program of study leads to a Practical Nursing Certificate. Upon completion of the program the individual is qualified to apply to take the National Council Licensure Examination for Practical Nurses, as required by all State Boards of Nursing.
Criteria for Admission
Admission to the program is on a competitive basis.

The following are prerequisites for consideration for admission to the Certificate in Practical Nursing Program:

1. High School Diploma or GED.
2. Students must be 18 years of age by December 31st of the year they start the program.
3. Admission to respective college
4. Current CPR Certification for Health Care Providers
5. ENGL 110 - Composition I with “C” or better.
6. High School Algebra/Beginning Algebra (ASC-92) or the COMPASS/ASSET exam equivalent within the last 5 years upon date of application. Students may verify this knowledge with a minimum COMPASS math score of 25-26 in the algebra domain or an ASSET Intermediate Algebra test of 33 or ACT math score of 16 or Accuplacer math score of 44-108.
7. An ACT composite score of 19 or COMPASS/ASSET test with an equivalent score (minimum writing score of 75 and a minimum reading score of 75) is required of students who have not completed 12 credits of classes included in the program requirements with a minimum GPA of 2.75 unless student can provide ACT equivalents of COMPASS, ASSEST, or Accuplacer test(s).
8. Minimum GPA of 2.75 for all completed college courses that are requirements for the Dakota Nursing programs.
9. An overall minimum GPA of 2.5 for all college courses taken. Students with composite GPA 2.5 or lower may appeal for a conditional admission. Conditional admissions must be reported to the director and addressed in Leadership meetings.
10. “C” or better in all required courses previously completed.
11. Anatomy and Physiology I/L and II/L, Developmental Psychology, and Pharmacology courses older than 5 years will need to be repeated.
12. Students who meet the prerequisites and their file is complete, are accepted into the program based on each college’s admission criteria.
13. Students accepted into the nursing program must have access to reliable, high speed internet.
14. Completion of a formal application form for admission to the Dakota Practical Nursing Program, which includes the following:
   - A copy of your high school transcript or equivalent and all college transcripts.
   - A brief narrative summarizing past work experiences and reasons for entering the Dakota Practical Nursing Program
   - Three letters of reference
15. Admission to the PN program does not guarantee progression into the ADN program.
16. Students must submit to a background check and pass a mandatory drug screen to be completely admitted to the program.

Application forms for admission to the Dakota Practical Nursing Programs may be obtained from the nursing office during spring semester. The admissions committee will review the applications and qualifications of each individual. Each student will be notified in writing of his/her acceptance into the program. Additional information regarding health requirements, uniforms, insurance, etc., will be provided to each student who is selected.

Students accepted into the Dakota Nursing Program can find curriculum from Williston State College* or in the Dakota Nursing Program handbook.
Upon successful completion of the above curriculum, students will receive a Certificate in Practical Nursing from Williston State College*. Students may make application to continue into Year 2 and/or apply to take the NCLEX PN.

*The Nueta Hidatsa Sahnish College is a distant site of the Dakota Nursing Program under Williston State College. The Dakota Nursing Program is a collaboration among Bismarck State College, Dakota College at Bottineau, Lake Region State College, and Williston State College

**NHSC/WSC* Dakota Nursing Program: Associate Degree Program**

**Purpose**

This associate degree nursing curriculum prepares individuals with the knowledge, abilities, and skills to practice nursing independently and interdependently through the application of the nursing process to provide safe nursing care to individuals and families across the life span in a variety of settings. Graduates of this program may apply to take the National Council Licensure Examination (NCLEX-RN®) which is required for practice as a registered nurse. Employment opportunities include acute care centers, long term care facilities, clinics, outpatient offices, industry, and community agencies.

**Mission**

The mission of the Dakota Nursing Program is to provide quality undergraduate education, which prepares graduates for nursing practice in multiple-structured, culturally diverse health care settings for clients across the lifespan.

**Associate Degree Nursing Learning Outcomes**

The Dakota Associate Degree Nursing Program will:

- Produce safe, competent associate degree nurses capable of passing the NCLEX-RN®
- Serve as the foundation for further professional advancement and lifelong learning.
- Assist in meeting the needs of the community and surrounding areas for Registered Nurses.

**Associate Degree Nursing Graduate Outcomes**

These outcomes describe the consortium expectations for graduates from the Dakota Associate Degree Nursing Program. The graduate will:

1. Adapt the nursing process to provide nursing care in diverse settings to meet the human needs of individuals along the health-illness continuum.
2. Incorporate various communication techniques in developing therapeutic relationships with individuals, families and members of the interdisciplinary team.
3. Function within the legal and ethical scope of practice as an accountable member of the health care team providing leadership and management in the delivery of quality nursing care consistent with the associate degree registered nurse.
4. Demonstrate professional behaviors as a member of the dynamic health care discipline of nursing incorporating independent and continuous learning.
5. Integrate teaching-learning principles in providing individuals and families with health care information and skills related to health promotion and maintenance.

6. Integrate social, biological, behavioral and nursing sciences when providing evidence-based nursing care to diverse individuals across the lifespan.

Application Process/Admission Policy
Requirements for continuation in the Dakota Associate in Applied Science Degree Program in Nursing (RN):

1. Successful completion of the first year of the Dakota Nursing Program with a minimum GPA of 2.75 in all prerequisite courses and a minimum GPA of 2.75 in the 47 credit course requirements as defined in the PN curriculum. The student must maintain an overall GPA of 2.5.

2. Students must complete application process for continuation to the AD program dated no later than March 5 of the year the student would be entering the 2nd year of the program. Students must have positive references from faculty to progress.

3. Students must pass a preadmission examination. See ATI policy found later in this handbook. Students must submit to a background check and pass a mandatory drug screen to be completely admitted to the program.

OR

Prerequisites for Incoming Application toward the Associate in Applied Science Degree in Nursing (ADN):

1. Unencumbered license to practice as a Licensed Practical Nurse in the United States of America.

2. Minimum GPA of 2.75 in all prerequisite courses (including nursing classes) and an overall minimum GPA of 2.5

3. Admission to the college of choice as well as completion of a formal application to the Dakota Associate Degree Nursing Program. **Admission to the College does not guarantee admission to the ADN program.** Application forms for admission to the Dakota ADN Program may be obtained from the Nursing Department beginning January 15 with application due on or before March 5.

4. Pass a preadmission examination.

5. Currently enrolled (if competitive) or satisfactory completion with a “C” or better in each of the following courses:

   All required nursing courses from an accredited Practical Nursing Program
   ENGL 110 Composition I
   PSYC 111 Introduction to Psychology
   BIOL 220 Anatomy and Physiology I with lab
   BIOL 221 Anatomy and Physiology II with lab
   PHRM 215 Introduction to Pharmacology (must have been completed within 5 years of ADN admission).
   PSYC 250 Developmental Psychology

6. Students must submit to a background check and pass a mandatory drug screen to be completely admitted to the program.

Students who meet the prerequisites and have completed their file are accepted into the program based on each college’s admission criteria.
Students accepted into the Dakota Nursing Program can find curriculum from Williston State College* or in the Dakota Nursing Program handbook.

Students accepted into the nursing program must have access to reliable, high speed internet.

Upon successful completion of the above curriculum, students will receive an Associate of Science Degree in Nursing from Williston State College*.

*The Nueta Hidatsa Sahnish College is a distant site of the Dakota Nursing Program under Williston State College. The Dakota Nursing Program is a collaboration among Bismarck State College, Dakota College at Bottineau, Lake Region State College, and Williston State College.

Pre-Engineering

Degree: Associate of Science
Credit Hours Required: 65-72

This program is designed to prepare students for transfer to a four-year college to complete a program in the Engineering field. The curriculum introduces students to the nature of the profession and to the different specialties in Engineering. The program also provides thorough grounding in the necessary Mathematics, Physics, and Chemistry courses which are the foundation of all Engineering, and emphasize how Engineers can benefit the local community and society as a whole.

The Pre-Engineering program provides a two-year course of study at NHSC with an additional two years of study at an affiliated university. Students completing the program receive an Associate degree in Pre-Engineering from NHSC and a Bachelor of Science in one of the Engineering disciplines from the affiliated university.

Students must achieve a C or better in all core classes to graduate with an A.S. degree in Pre-Engineering.

Learning Objectives:
• The student will be able to identify, formulate, and solve engineering problems.
• The student will be able to apply knowledge of mathematics, science, and engineering to real-world problems.
• The student will be able to work effectively as members or leaders of a team to accomplish an objective.
• The student will have knowledge of contemporary issues.
• The student will have an understanding of professional and ethical responsibility.
• The student will be able to communicate clearly, orally, and in writing the process by which they approach problems, and the conclusions drawn from solving them.
• The student will demonstrate the ability to design and conduct experiments, as well as to analyze and interpret data.
• The student will have the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
Professional Course Requirements
(Courses in Italics are counted toward the NHSC General Education Requirements)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121 Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 122 Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 115 Intro to Engineering w/CAD</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 201 Statics</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 202 Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>MA 129 Basic Linear Algebra</td>
<td>2</td>
</tr>
<tr>
<td>MA 165 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MA 166 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MA 265 Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>ME 223 Mechanics of Materials</td>
<td>3</td>
</tr>
</tbody>
</table>

Options (Choose minimum of 1):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 206 Circuit Analysis/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CE 204 Surveying</td>
<td>4</td>
</tr>
<tr>
<td>ME 223 Mechanics of Materials</td>
<td>3</td>
</tr>
<tr>
<td>ME 350 Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 252 University Physics II</td>
<td>4</td>
</tr>
<tr>
<td>MA 266 Differential Equations</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Semester Hours: 38-39

General Education Course Requirements (not including the courses in Italics above)
See: General Education Requirement

Cumulative Hours: 65-72

*The Pre-Engineering Program at Nueta Hidatsa Sahnish College is part of the Pipeline for Tribal Pre-
Engineering to Society (PTiPS) pre-engineering/engineering collaboration between mainstream
university, North Dakota State University and tribal colleges, Candeska Cikana Community College,
Nueta Hidatsa Sahnish College, Turtle Mountain Community College, and Sitting Bull College.

Science

Degree: Associate of Science
Credit Hours Required: 68
The Science Program is designed to prepare a student for entry-level studies in general science and a
concentration in a specific field of science. The student has the option to begin secondary education
course work. The courses are tailored to meet the needs of the student who will transfer to a four-year
degree program in a Science major.

Learning Objectives:
The student will be able to apply the general knowledge and skills which are fundamental to a variety of academic disciplines.

• The student will be able to demonstrate the proper use of environmental sampling equipment in the classroom and in the field according to accepted “Standard Methods.”

• The student will be able to describe, orally and in writing, the similarities and differences between traditional native versus modern views of the Earth.

• The student will be able to describe biological, chemical and physical influences on the environment from human activities.

• The student will demonstrate general knowledge of current environmental issues on local, regional and global scales.

• The student will be able to describe the interactions between and the interdependence of the Earth’s ecosystems.

**Professional Course Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Requirement:</td>
<td></td>
</tr>
<tr>
<td>BIO 151 Biology II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 121 Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 122 Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>Elective – Choose from one of the following:</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 100 Earth Science -OR</td>
<td></td>
</tr>
<tr>
<td>PHY 105 Physical Science</td>
<td></td>
</tr>
</tbody>
</table>

Science Area Concentration: 12
- Minimum of three classes from Science, all the same prefix
  - BIO, CHEM, GEOL, PHY

**Total Semester Hours:** 32

**General Education Requirements:**

See: General Education Requirement

**Total Semester Hours:** 36

(Bio 150 Biology I is a directed elective under the Gen Ed Requirements)

**Cumulative Hours:** 68

## Welding Technology 9 Month/18 Month

**Certificate of Completion: Welding Technology**

**Credit Hours Required: 37**

The State of North Dakota is in dire need of professional welders. The NHSC welding program provides students with the basic welding skills needed for entry-level welding jobs and apprenticeship programs.

**Learning Objectives:**

- Be able to weld in all positions (flat, horizontal, vertical, overhead, pipe) with the six basic welding processes (Oxy-acetylene, Shielded Metal Arc, Gas Metal Arc, Flux Cored Arc self-shielded, Flux Cored Arc gas shielded, Gas Tungsten Arc).
• Be capable of passing the Washington State Building Officials (WABO) welding tests in the applicable welding processes.
• Be able to cut metals using thermal cutting processes (Oxy-acetylene, Plasma, Air Carbon Arc).
• Have their state industrial first aid and CPR cards.
• Know the basic fundamentals of welding processes and applications, metallurgy, and math and measurement.
• Be able to read and interpret basic blueprints, welding symbols, and welding codes and specifications.

**Professional Course Requirement:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall:</td>
<td></td>
</tr>
<tr>
<td>WELD 165 Blueprint Symbols for Welding</td>
<td>3</td>
</tr>
<tr>
<td>WELD 170 Arc Welding Operations</td>
<td>2</td>
</tr>
<tr>
<td>WELD 173 Methods in Arc Welding Operations</td>
<td>4</td>
</tr>
<tr>
<td>WELD 180 Shielded Metal Arc Welding</td>
<td>2</td>
</tr>
<tr>
<td>WELD 183 Testing in Shielded Metal Arc Welding</td>
<td>4</td>
</tr>
<tr>
<td>WELD 187 Types of Non-Destructive Testing</td>
<td>3</td>
</tr>
<tr>
<td>Spring:</td>
<td></td>
</tr>
<tr>
<td>WELD 110 Oxyfuel Operations</td>
<td>2</td>
</tr>
<tr>
<td>WELD 118 Testing OA in Welding, Brazing, Cutting</td>
<td>2</td>
</tr>
<tr>
<td>WELD 130 Advanced Testing in OA Welding, Brazing, Cutting</td>
<td>2</td>
</tr>
<tr>
<td>WELD 135 Welding Principles</td>
<td>2</td>
</tr>
<tr>
<td>WELD 140 Methods in GMA &amp; FCA Welding</td>
<td>2</td>
</tr>
<tr>
<td>WELD 145 Advanced Methods in GMA &amp; FCA Welding</td>
<td>2</td>
</tr>
<tr>
<td>WELD 150 Methods in GTA &amp; Pa Welding</td>
<td>2</td>
</tr>
<tr>
<td>WELD 155 Blueprint Reading for Welders</td>
<td>3</td>
</tr>
<tr>
<td>WELD 160 Advanced Methods in GTA &amp; PA Welding</td>
<td>2</td>
</tr>
<tr>
<td><strong>Cumulative Hours:</strong></td>
<td><strong>37</strong></td>
</tr>
</tbody>
</table>

Welding students may start the program in either fall or spring semester. Regardless of when program is started, WELD 155 must be taken before WELD 165.
Course Descriptions

Accounting

(ACCT)

199 Special Topic
Subjects and credits will vary.

200 Accounting I
An introductory course in the fundamental procedures of accounting, including recording of transactions, account classification, book of original entry, special journals, closing procedures, and financial statements.

201 Accounting II
A continuation of Accounting I with more study applied to accounting for notes and interest, inventory and plant assets, payroll systems, partnerships, and corporations. Prerequisite: ACCT 200

203 Business Law I
This course includes contracts, agencies, and employment and negotiable instruments.

205 Cost Accounting
This course includes study applied to commonly used cost accounting systems, such as job order costing and process cost accounting. Where applicable, this course will provide a provision for graduation project. Prerequisite: ACCT 200 or equivalent.

299 Special Topic
Subjects and credits will vary.

**Course offered only as needed**

Animal & Range Science

(ARSC)

ARSC 123 Feeds and Feeding
This course covers the principles of feeding livestock including digestive systems, nutrient requirements, nutrient characteristics, and sources utilized in the formulation of balanced rations. Lab Fee $10.00

ARSC 161 Equine Business Management
Students will study the forms of business, income tax considerations, develop a business plan, insurance considerations, liability programs, records, hobby versus a business, agreements and contracts.

ARSC 164 Equine Behavior, Ground Work and Safety
This class includes understanding mental capacity, motivation, and reactions of horses to different training techniques. Proper restraining procedures to protect the horse and handler are explored. Imprinting training for a foal is discussed. A safety program will be designed to breeding or training operation. Lab Fee $25.00

ARSC 236 Introduction to Range Management
This course covers the principles of range management, which include plant identification, range evaluation, and range improvement.

ARSC 260 Intro to Equine Studies
This course introduces the basic aspects of equine studies and general principles surrounding the horse industry. Lab Fee $25.00

ARSC 261 Basic Equitation & Horsemanship

77
Basic grooming, saddling, bridling, mounting, ground work, correct riding position, and proper coordination of the riding aids will be addressed. Horse behavior will also be discussed throughout the course. 1 two-hour laboratory. Lab $25.00

ARSC 265 Great Plains Indian Horsemanship 3 CREDITS
This course examines the importance of the horse in Native American culture in history and in the present. Students will learn traditional and contemporary Native relational horsemanship techniques. Lab Fee $25.00

ARSC 297 Equine Training Techniques 3 CREDITS
This class is designed to teach the student the fundamentals of training a horse to be soft, supple and responsive. It will teach the student how to use the entire body to guide a horse and how to become part of the horse instead of just a passenger. Pre-requisite: ARSC 164 & 261. Lab Fee $25.00

ARSC 311 Explorations in Equine Assisted Learning 3 CREDITS
This course is designed for participants to gain a comprehensive understanding of the Equine Assisted Learning (EAL) field and its application within education, facilitation, coaching, and therapy fields. Lab Fee $25.00

ARSC 360 Equine Nutrition & Care 3 CREDITS
This course focuses on basic equine nutrition and care fundamentals while integrating concepts in an applied and practical manner. Lab Fee $25.00

ARSC 361 Intermediate Equitation and Horsemanship 2 CREDITS
This course is a continuation of ARSC 261. Further emphasis will be placed on the development of the balanced seat and coordinated aids necessary to complete more advanced maneuvers. Horse behavior & safety will be addressed. Pre-requisite: ARSC 261. Lab Fee $25.00

ARSC 411 Equine Assisted Learning Practicum 3 CREDITS
In this practical teaching course, students will team teach for 6-12 weeks with an Equine Assisted Learning (EAL) certified instructor at a local program, assisting with lesson plans and program plan development, as well as instruction and evaluation of students. Lab Fee $25.00

Art (ART)

130 Drawing I 3 CREDITS
Study and practice is observational drawing focusing on accurate representation of observed subject matter. Perception, hand-eye control, measures and proportion, light and shadow, and design elements emphasized. Lab Fee $25.00

Drawing II

160 Painting 3 CREDITS
This course will give the students a chance to explore their art talents in the area of painting. Working with tempera, acrylic and oil paints, the students can expand their capabilities from mixing colors to producing landscapes, still life and action products in paint. Lab Fee $75.00

Painting II

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

Assessment (ASMT)
ASMT 200 Assessment of Student Learning

This non-credit class is REQUIRED for all graduating students and must be taken during the final semester before graduation. The course will meet one hour per week for the final 10 weeks of this semester; during this time, the instructor will work with students individually to fill out Application for Graduation, complete the student survey, go over transcripts and fill out degree plans to ensure that all coursework required for graduation is complete or in progress, and prepare students for the assessment instrument chosen by the department (presentation, exam, paper, etc.).

Biology

(BIO)

111 Concepts of Biology
A survey of living things and their biological relationships. Provides general knowledge and cultural appreciation of contemporary biology. Includes laboratory and field activities. Offered as needed. Lab Fee $25.00

124 Environmental Science
A study of the relationship of humans to their environment, including major environmental problems facing mankind today. Includes laboratory and field activities. Offered Spring.

150 General Biology I
Basic biological concepts include the fundamental processes of cells and life systems, genetics, and evolution. Includes laboratory. Offered Fall.

151 General Biology II
A continuation of Biology I with an emphasis on plant and animal classification and relationships. Includes laboratory. Prerequisite: BIO 150. Offered Spring.

199 Special Topic
Subjects and credits will vary. Offered as needed.

202 Intro to Microbiology
This course will familiarize students with classification, recognition, production, and control positive and negative impacts of all types of microorganisms. Includes laboratory. Prerequisite: BIO 150 or consent of instructor. Offered Spring. Lab Fee $25.00

206 Ethnobotany
Observation, identification and classification of native North Dakota plants with emphasis on structural, edible and medicinal uses by Tribal Nations past and present. Includes laboratory and field activities. Offered Fall of even-numbered years.

220 Anatomy and Physiology I
A general survey of the function and anatomy of human systems. Emphasis on introductory topics of cell and tissue structure and function; anatomical terminology; and skeletal; muscular, nervous, and endocrine systems. Includes lab. Prerequisite: BIO 150 or CHEM 121. Offered Fall. Lab Fee $25.00

221 Anatomy and Physiology II
Structure and function of the human body with emphasis on maintenance systems; i.e. cardiovascular, respiratory, digestive, urinary, metabolism, and reproductive. Includes laboratory. Prerequisite: BIO 220 or consent of instructor. Offered Spring. Lab Fee $25.00

225 Research Methods
This course introduces basic physical and biological field measurements. Students will learn to use appropriate equipment to identify, quantify, and record resources in the field. Offered Fall.

230 Field Research

3 CREDITS

3 CREDITS
The student will identify a specific problem related to the field of his/her interest within Environmental Science. He/she will conduct a literature review, design a research project, and collect field data related to that problem. An oral presentation of the report is required. Prerequisite: BIO 225. Offered Spring.

**297 BIO Environmental Science Internship**  2 CREDITS
This course provides the student an opportunity to experience environmental science in the workplace in conjunction with their program of study. One semester hour of credit will be earned for each 45 contact hours of internship. The student’s advisor will approve the location. Prerequisite: Must be completed during last two semesters of Environmental Science degree plan and must have consent of the instructor. Offered Spring.

**299 Special Topic**  0.5-4 CREDITS
Subjects and credits will vary. Offered as needed.

**316 Global Climate Change**  3 CREDITS
Overview of the basic concepts, issues and policies related to climate change comparing global issues with regional problems related problems and solutions. Pre-requisite: GEOL 100. Offered Spring of even-numbered years.

**324 Ecology**  3 CREDITS
Overview of the principles governing the interrelationship between plants, animals, and environments. Emphasis is on ecological communities throughout North America. Includes laboratory and field activities. Prerequisite: BIO 150 or consent of instructor. Offered Fall of even-numbered years.

**331 Soil Ecology**  3 CREDITS
This course engages students with the principles of soil-plant-animal interactions and their influences on environmental and agricultural issues of global significance (e.g., sustainable agriculture, global climate change, diversity conservation). Pre-requisite SOIL 210. Offered Spring of odd-numbered years.

**350 Freshwater Ecology**  4 CREDITS
Students will learn the biological, chemical, and physical characteristics of inland waters including origins, interrelationships and the effect of civilization. Topics covered will include rivers, lakes, reservoirs, and wetlands. Includes Laboratory. Prerequisites: Biology 150, Biology 151. Offered Summer of odd-numbered years.

**370 Zoology**  4 CREDITS
Students will be introduced to the natural history, classification, anatomy and physiology of the vertebrates and invertebrates. Includes methods of observing, identifying, and collecting local vertebrates and invertebrates. Includes laboratory. Pre-requisite: BIO 150 or by permission of the instructor. Offered Fall of odd-numbered years.

**388 Native American Ecological Knowledge**  3 CREDITS
This course is based mainly on the traditional knowledge of the Mandan, Hidatsa, and Arikara in determining our holistic relationship to our universe. The course will examine how we apply our knowledge of a networked universe to develop reciprocal relationships within our existence. Offered as needed.

**420 Air and Water Quality**  4 CREDITS
The course will acquaint students with sources, dispersion patterns, effects, and regulations of air and water pollutants. Sampling and analysis of air and water pollutants included during lab. Includes laboratory. Prerequisite: BIO 150 or consent of instructor. Offered Fall of even-numbered years. Lab Fee $25.00

**421 Environmental Toxicology**  3 CREDITS
In this course, students will understand and examine methods of perceiving nature of the environment at the atomic and molecular level. Topics will include the makeup and contamination by anthropomorphic sources of the water, soil and air, environmental processes involving the fate or
distribution of natural or manmade materials in the nutrient cycles, radiation, greenhouse gases, acid rain, aerosols chemistry, and conversion of polymeric materials which resist degradation. Toxicology will be discussed in regards to the effects of those elements or compounds which threaten the diverse ecological systems as well as the poisonous effects on man. Exposure limits, chronic exposure, bioaccumulation, bioremediation, detoxification and sustainable management of agriculture, industrial and energy development will also be addressed. Pre-requisites: BIO 124 – Environmental Science, CHEM 121 – Chemistry I and CHEM 122 – Chemistry II. Offered Spring of even-numbered years.

**422 Environmental Law**

A survey of the laws related to natural resources use and management at local, state, tribal and federal levels. Offered Fall of odd-numbered years.

**431 Wildlife & Fisheries Conservation & Management**

In this course, students will study the management of fish, wildlife, and other populations. Students will apply principles from various sub-disciplines of the biological and social sciences to current conservation problems. The course will examine topics such as predation, wildlife and ichthyological diseases, carrying capacity, and the history of wildlife conservation and management. Focus will be on species located on Fort Berthold, both historically and presently, as well as Mandan, Hidatsa, and Arikara cultural beliefs and practices. Pre-requisite: BIO 150, BIO 324, or consent of the instructor. Offered Summer of even-numbered years.

**433 Wildlife Ecology**

This course will examine the theory of population dynamics and the relationship between species and their resources. Population, community, and ecosystem levels of organization will be studied, as well as adaptations, key animal behavior concepts, and feeding. Focus will be on species located on Fort Berthold, both historically and presently, as well as Mandan, Hidatsa, and Arikara cultural beliefs and practices. Pre-requisite: BIO 150, BIO 324 or by permission of the instructor. Offered Fall of odd-numbered years.

**444 Grassland Ecology**

This course covers the plant, animal, and environmental factors which relate to management, productivity, and utilization of forage and grassland plants. Morphological and physiological characteristics of plants will form the basis for managing and understanding plant responses to management and environmental influences. Interactions between herbivores, Humans, and plants will be discussed. Pre-requisite: BIO 151 and SOIL 210. Offered Spring of odd-numbered years.

**450 Mammalogy**

This course will look at mammalian taxonomy, anatomy, ecology, behavioral adaptations, identification, distribution, conservation, and mammalian relationships to humanity. There will be an emphasis placed on learning both traditional and modern techniques that are used to study mammals. Common species to Fort Berthold, as well as those sacred to the Three Affiliated Tribes and other indigenous people will be explored. Pre-requisite: BIO 150, BIO 370 (Zoology) or consent of the instructor. Offered as needed.

**460 TAT Environmental Issues, Beliefs, and Ethics**

Understand and examine the methods of perceiving and strategizing environmental issues of concern for Mandan Hidatsa and Arikara Nation. This course will focus cultural beliefs and ethics concerning environmental issues as they relate to the current energy development and its environmental impact. Other general environmental topics related to natural resource development will also be addressed. As the issues are clarified the potential for energy and resource perspectives will allow for strategic planning for long term sustainable scenarios to be summarized. Collaboration and research will be done with student groups and faculty projects to be developed in the class with the collaboration and review of environmental agencies and other university sources. Cultural input will be part of the collaborative
efforts of this dynamic, interdisciplinary and problem solving science course. Pre-requisite: BIO 422 or by permission of the instructor. Offered Fall of even-numbered years.

**493 Senior Research**
3 CREDITS
This course involves students in experimental design, field or lab experimentation, data analysis, and conclusions. Prerequisite: Senior status and approval of advising instructor and Department Chairperson. Offered Spring of odd-numbered years.

**Course offered only as needed**

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**Business Administration**
(BADM)

**110 Principles of Advertising**
3 CREDITS
Theory, principles and applications of advertising including media, selection, planning, budgeting, and advertising design.

**111 Introduction to Customer Service**
2 CREDITS
This course is designed to teach the student the importance and basics of customer service so that they may serve the customer properly and with respect. Topics include basic customer service, communication skills, problem solving, handling conflict and personal development.

**120 Introduction to Business**
3 CREDITS
Acquaints the student with the American Capitalist model, as well as the systems used by other countries. This course will also provide an overview of all business-related activities.

**199 Special Topic**
0.5-4 CREDITS
Subjects and credits will vary.

**201 Fundamentals of Marketing**
3 CREDITS
This course is an introduction to distribution of goods and services and marketing policies.

**202 Principles of Management**
3 CREDITS
This course presents the fundamentals of the management process, focusing on the concepts and techniques basic to the manager, including planning, organizing, staffing, leading, and controlling.

**205 Small Business Management**
3 CREDITS
Focuses on the problems encountered by small business owners. Also provides a general guideline to small business start up. Topics include financing, location, credit & collection, legal requirements, etc. Prerequisite: BADM 120

**206 Writing a Business Plan**
2 CREDITS
This course focuses on the business plan as a blueprint that entrepreneurs must develop to enhance the chances of launching their ventures successfully. Prerequisite: BADM 205

**220 Marketing Research**
3 CREDITS
This course is designed to explore the full range of activities involved in the marketing research process including research and measurement concepts, sampling and fieldwork, and data analysis and presentation.

**224 Management for Supervisors**
3 CREDITS
This course presents the fundamentals of the management process and leadership philosophies as they relate to supervisors. The course flow will follow the basic managerial functions of planning, decision making, organizing, staffing, communicating, motivating, leading, and controlling.

**225 Human Behavior in Organizations**
3 CREDITS
This course emphasizes individual and group behavior within an organizational structure.

**291 Leadership Development**
2 CREDITS
This course provides students with opportunities to engage in leadership development activities through membership in NHSC’s American Indian Business Leaders chapter, a nationally chartered student leadership organization focusing on civic responsibility, academic excellence, social and cultural awareness, career development and personal growth through team building, mentoring and networking.

**297 Business Internship**

This course allows the student to experience their chosen field first hand through practical, hands-on training in a business related to marketing, management, the various business administrative fields, and casino/hotel/restaurant operations.

**299 Special Topic**

Subjects and credits will vary.

**Course offered only as needed**

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**Business, Office, Technical Education (BOTE)**

**102 Keyboarding I**

Emphasis is placed on the development of correct stroking techniques using the typewriter and/or microcomputer keyboard. Proficiency in the application of these skills will be used to complete simple letters, manuscripts, and tables. Lab Fee $20.00

**118 Desktop Publishing**

This is a basic software application course that will provide students with the skills in electronic layouts, editing and production of documents. Includes lab.

**147 MS Word**

This course will provide hands-on experience using Word for Windows. Students will learn to create, edit, save, and print documents, along with advanced word processing features.

**152 Keyboarding II**

This course is designed for students who type less than 40 words per minute, but have a basic knowledge of the keyboard. Emphasis is placed on business letters, reports, tables, and speed development. Prerequisite: BOTE 102 or Equivalent. Lab Fee $20.00

**171 Medical Terminology**

This course is designed for students to learn the meaning, spelling, and pronunciation of medical terms.

**188 Computerized Accounting**

Accounting applications utilizing the computer. This course will include programs for journalizing, accounts receivable, accounts payable, inventory and payroll. Prerequisite: ACCT 200 or equivalent. Lab Fee $10.00

**199 Special Topic**

Subjects and credits will vary.

**202 Keyboarding III**

This course is devoted to the acquisition of superior skills in typing, proofreading, and speed development. Prerequisite: BOTE 152. Lab Fee $20.00

**210 Business Communications**

The study and practice of writing for results. All types of business correspondence are included. This includes letters, memorandums, reports, as well as preparation of resumes and job applications.

**217 Records Management**

This course will provide an introduction to the principles and practices of record management. The four basic filing systems: alphabetic, subject, numeric, and geographic will be covered.

**218 Advanced Desktop Publishing**

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83
This is a continuation from BOTE 118 software application course that will provide students with advanced skills in electronic layouts, editing and production of documents. Pre-requisite: BOTE 118

222 Medical Transcription 3 CREDITS
This course is intended to equip the student with the practice in transcribing medical material. Prerequisites: BOTE 102, BOTE 171

247 MS Excel 3 CREDITS
This course will provide students with hands-on experience using Excel for Windows. Prerequisite: BOTE 102 or Equivalent. Lab Fee $10.00

257 MS Access 3 CREDITS
This course will include hands on operation of the computer, to introduce the student to the planning and designing of a data base system using software for data base management. Prerequisite: BOTE 102 or Equivalent. Lab Fee $10.00

275 Office Procedures 3 CREDITS
Office procedures is a course designed to help the student become familiar with the activities and duties required of an office worker of today. Students will learn procedures for good office communications, using reference materials, proofreading techniques, telephone usage, and mail and work procedures. Where applicable, this course will provide a provision for a student’s graduation project. Lab Fee $10.00

277 Medical Office & Insurance Procedures 3 CREDITS
This will provide the basic knowledge of telephone techniques, routing correspondence, and filing procedures used in a medical office. Preparation of medical correspondence will be thoroughly covered, along with insurance billing forms and procedures. Where applicable, this course will provide a provision for a student’s graduation project. Prerequisites: BOTE 275, BOTE 171

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

**Course offered only as needed**

Chemistry

(CHEM)

115 Introductory Chemistry 4 CREDITS
Introduces students to basic principles and concepts of chemistry. Topics include atomic theory, stoichiometry, bonding and nuclear chemistry. Includes laboratory. Prerequisite: MA 102 or consent of instructor. Offered Fall. Lab Fee $25.00

116 Introduction to Organic and Biochemistry 4 CREDITS
Study of carbon Chemistry. Functional groups, bonding and uses, with special emphasis on applications to living systems. Includes laboratory. Prerequisite: CHEM 115 or consent of instructor. Offered as needed.

121 Chemistry I 4 CREDITS
An introduction to the principles of chemistry, including scientific method and problem solving, atomic theory, elements and compounds, stoichiometry, equations, and thermodynamics. Includes laboratory. Offered Fall.

122 Chemistry II 4 CREDITS
A continuation of Chemistry I with an emphasis on bonding and molecular structures, equilibrium, and applied chemistry. Introduces organic and biochemistry. Includes laboratory. Prerequisite: CHEM 121. Offered Spring.

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary. Offered as needed.
299 Special Topic  
0.5-4 CREDITS
Subjects and credits will vary. Offered as needed.

480L Biochemistry Laboratory  
2 CREDITS
Laboratory class which covers major categories of biological compounds, anabolism and catabolism of macromolecules, enzyme kinetics, intermediary metabolism, and control mechanisms. Emphasis on human nutritional biochemical processes.

481 Biochemistry  
3 CREDITS
Study of major classes of biological compounds, anabolism and catabolism of macromolecules, enzyme kinetics, intermediary metabolism, and control mechanisms. Emphasis on human nutritional biochemical processes.
**Course offered only as needed

### Commercial Driver’s License Training Program (CDL)

**CDL 101 Commercial Driver’s License Training I**  
3 CREDITS
This course of the CDL program is designed for entry level commercial driver. CDL 101 is a prerequisite to CDL 102. It assumes the student does not possess a CDL permit and requires training to achieve that status. It will include instruction in creating a culture of safety as an integral part of the coursework. Therefore, a student who already possesses a permit is strongly advised to register for the entire program. In order to successfully complete 101, students must pass the written Department of Transportation test and obtain a Class A Commercial Permit. Lab Fee $100.00

**CDL 102 Commercial Driver’s License Training II**  
12 CREDITS
This course is geared toward taking and passing the Department of Transportation Class A Commercial Driver’s License examination (Road Test). All authorization to operate a Commercial vehicle is obtained from that source only. Instruction will guide the student toward successful completion of that test. A certificate of completion is also granted from NHSC but does not entitle the student to operate a commercial vehicle. It includes simulator training, safety training, computer training for individual study; it encourages students to work and train together. The training includes hands on operation of a standard commercial vehicle under close supervision of the instructor. Lab assignments are part of the training. Prerequisite: CDL 101 or consent of the instructor. Lab Fee $900.00

### Communication (COMM)

**110 Fundamentals of Public Speaking**  
3 CREDITS
This course concentrates on important elements of interpersonal communications, as well as public speaking. Course work includes instruction in basic concepts and techniques, which enable students to design and effectively deliver a variety of speeches.

### Computer Information Systems (CIS)

**115 Using the Internet**  
1 CREDIT
This course will teach the student how to get the most out of resources on the Internet. Search techniques, critical evaluation of web information and basic web page design will be discussed.
**Computer Science**  
(CSCI)

101 Introduction to Computers  
3 CREDITS
A basic study of computer science. Students will understand the architecture of personal computers as well as the various different applications for different hardware and software components.  
**Course offered only as needed**

**Construction Technology**  
(CT)

101 Core Curriculum  
4 CREDITS
Core Curriculum from the National Center for Construction Education and Research (NCCER), consists of eight modules which are: “Basic Safety”; “Construction Math”; “Hand Tools”; “Power Tools”; “Blueprints”; “Basic Rigging”; “Communication Skills”; and “Employability Skills”. This course is a prerequisite for all NCCER “Craft Level Training,” (regardless of the craft).

102 Carpentry 1  
4 CREDITS
Carpentry Fundamentals from the National Center for Construction Education and Research (NCCER); An 8-course sequence (CT 102, 112, 104, 114, 207, 217, 208, and 218) consisting of ten modules: “Orientation to the Trade”; “Building Materials, Fasteners, and Adhesives”; “Hand and Power Tools”; “Reading Plans and Elevations”; “Floor Systems”; “Wall and Ceiling Framing”; “Roof Framing”; “Introduction to Concrete and Reinforcing Materials”; “Windows and Exterior Doors”; and “Basic Stair Layout”.

103 Carpentry 1 Lab  
6 CREDITS
This lab will teach the hands-on practice of using the basic hand and power tools correctly and safely. The lab will also teach the practice of laying out a simple building in the field using the knowledge learned in the classroom. The lab will also be used to evaluate the performance tests needed to move from one level to the next level.  
Lab Fee $50.00

104 Carpentry 2  
4 CREDITS
The 3rd in the 8-course NCCER Sequence

105 Carpentry 2 Lab  
6 CREDITS
This lab will teach the basics of building a structure using the course work and theory used in the classroom. The lab is intended to let the student observe and practice hands-on work experience in the carpentry trade. The lab is also used as an area that can be setup to demonstrate a certain stage of building that would be unavailable to the student. This lab is where the instructor will give the performance tests.  
Lab Fee $50.00

**Course offered only as needed**

**Criminal Justice**  
(CJ)

199 Special Topic  
0.5-4 CREDITS
Subjects and credits will vary.

201 Introduction to Criminal Justice  
3 CREDITS
An introduction to the criminal justice system, emphasizing the “system”, its legal actors and its political constraints. Examines legislative law making, law enforcement, prosecution, the courts and
corrections. Highlights contemporary issues and landmark cases. Special emphasis will be on minority
group perspectives, cultural and economic problems.

299 Special Topic
Subjects and credits will vary.
**Course offered only as needed

Economics
(ECON)

199 Special Topic
Subjects and credits will vary.

201 Micro-Economics
Micro-principles of supply and demand, as well as resource allocations in an enterprise system,
developed and applied to the distribution of income, problems of capitalist system, technology, growth,
and the world economy.

202 Macro-Economics
Fundamental principles of Macro-Economics and their present-day application, including the scope of
economics, analysis of supply and demand, monetary policy, and economic stability.

299 Special Topic
Subjects and credits will vary.
**Course offered only as needed

Education: Early Childhood Education
(EC)

199 Special Topic
Subjects and credits will vary.

210 Introduction to Early Childhood Education
This course investigates the theories that influence the field of early childhood education.
Developmentally appropriate methods and teaching materials will be covered, as well as the need for a
variety of strategies that aid in the children’s physical, social, emotional, aesthetic, and cognitive
development. The course content will emphasize cultural diversity, especially that of the Mandan,
Hidatsa, and Arikara tribes. Emphasis will also be done on the requirement of special needs children.
Offered Spring and Fall.

211 Observation and Assessment
This course is designed to acquaint the students with a variety of ways of observing, recording, and
analyzing the behavior and development of children. Assessment of children will be analyzed by
looking at a variety of assessment activities that can be done with children. There will be a minimum of
eight hours of field experience in order to practice observation and assessment. Prerequisites: EC 210.
Co-requisite: EC 290 or EC 295.

213 Young Children’s Language and Emerging Literacy
This course investigates both typical and atypical development of language and thought in children 0-8,
as a basis for understanding working with young children in educational settings, and addresses ways
early childhood professionals can help young children to develop fluency, vocabulary, phonemic
awareness, comprehension, language development, and emerging literacy.

220 Early Childhood Development: Pre-birth through age eight
This course is a study of human growth and development from conception to age eight and will provide
students with the foundation for becoming competent early childhood professionals. Emotional, social, intellectual, cultural, language and physical development norms will be addressed. The student will gain knowledge and understanding of the stages of child development and of the variation of development among children. Observations of young children are required.

**222 Program Administration**  
2 CREDITS  
This course provides information on child care programs including: record-keeping, writing policies and procedures, licensing, observing and recording children’s development, budgeting issues, and staffing patterns. Interpersonal relationships will be a major focus of this course. Cultural diversity, especially as it pertains to the Mandan, Hidatsa, and Arikara, and special needs will be address in the course content.

**234 Curriculum, Instruction and Learning Environments**  
2 CREDITS  
This course is a study of various curriculum philosophies and needs, as well as procedures, techniques, and methods deemed appropriate for use in early education curriculum planning. Culturally relevant curriculum planned and designed for the “whole” child in the areas of physical, social, cognitive, and emotional development will be emphasized. Course fee of $25.

**234 Learning and Play**  
3 CREDITS  
This course will address: theories about play development and learning as applied to young children; and environmental design that is physically, socially, intellectually, and emotionally safe and healthy.

**236 Positive Child Guidance**  
2 CREDITS  
This course explores principles of guidance and the development of self-discipline in children with emphasis on social and interpersonal behavior. Positive means to support children’s social and emotional development, as well as strategies to establish productive relationships with families will be emphasized. Cultural diversity, especially as it pertains to Mandan, Hidatsa and Arikara, and special needs will be addressed in the course content.

**238 Home, School, Community Relations**  
3 CREDITS  
This course will emphasize the importance of establishing positive collaborative relationships with families and communities. It will stress the value of including families in the decision-making process for their children’s education. Important topics will include parent teacher conferences, home visits and parent volunteers in the classroom. Effective communication with colleagues and pertinent community member will be explored. Consideration of cultural diversity, especially Mandan, Hidatsa and Arikara, and special needs will be included in the course content.

**290 Pre-Professional Experience**  
1 CREDIT  
Students in this class will participate in an early field experience in early childhood setting to gain practical experience in areas such as: observing teaching; participating in small instructional groups, and other activities assigned by the cooperating teacher. Offered Spring and Fall.

**295 Practicum**  
2 CREDITS  
This course will provide classroom orientation on what is expected of the students in their practicum; then the students will be placed with teachers/caregivers in childcare centers/classrooms serving children ages 0 to six years old. Students will spend a total of 30 hours in the centers/classrooms. Work hours will be arranged by the teacher/caregiver and the student. The instructor will bring the class together at midterm to check their progress and share experiences. The teacher/caregiver will submit oral and written reports regarding student progress to the instructor. Periodic student-instructor conferences are required to discuss progress or problems. Students will submit a log and a journal of their experiences. Offered Spring and Fall. Prerequisite: Must be taken in the last semester of program.

**299 Special Topic**  
**Course offered only as needed**
Education: Elementary Education/Middle School Endorsement
(EDU)

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

210 Introduction to Exceptional Children 3 CREDITS
This orientation course surveys several early childhood and elementary school topics: The identification and characteristics of exceptional children; challenges posed by having exceptional children in the mainstream classrooms; educational responsibilities teachers according to PL 94-142 (as amended) and other applicable legal regulations and ethical guidelines; problem-solving skills of teachers as evidenced by IEP development; observation skills; and balanced creative and critical problem-solving approaches. Developmentally appropriate methods and teaching materials will be covered, as well as the need for a variety of strategies that aid in the children’s physical, social, emotional, aesthetic, and cognitive development. The course content will emphasize cultural diversity, especially that of the Mandan, Hidatsa and Arikara, as well as the requirements of all special needs children.

222 Technology for Teachers 3 CREDITS
The major emphasis of the course will be the development of computer skills for classroom teachers. Topics include applications for lesson plans, technology integration into the curriculum, record keeping, graphics, the Internet and also software and web page evaluations.

224 Fine Arts Activities and Methods 3 CREDITS
This course will provide teachers with Fine Arts content knowledge as well as a variety of approaches to instruct children in the classroom. The educational success of our children depends on giving them imagination, creativity, and a sense of expression as well as academic competencies. Areas to be covered include artistic literacy, dance, music, theater, visual arts, and student assessment.

232 Classroom Management & Learning Environments 3 CREDITS
The successful teacher knows how to provide students with the best possible learning environment. This course will explore methods and techniques that will ensure the children have an educational setting that will enhance their learning experiences.

237 Music for Elementary School Teachers 2 CREDITS
The goals of this course are to introduce elementary education majors to various methods and materials for teaching music in the elementary school and to develop the musical potential of each person to the fullest extent.

238 Children’s Literature 3 CREDITS
This course is an introductory study of poetry, folk and fairy tales, myths and legends, modern realistic stories, historical, biographical, and science books for children in the first six grades. Prerequisite: ENG 110.

240 Preparation for Praxis I 2 CREDITS
Students taking this course will be reviewing and applying the test taking skills needed to score at or above the State of North Dakota cut scores for the Praxis I (Pre-Professional Skills Test). The course will focus on various testing formats, test taking skills, writing practice tests, mathematics practice tests, and reading practice tests. Offered as needed.

241 Preparation for Praxis II 2 CREDITS
Students taking this course will be reviewing and applying the test taking skills needed to score at or above the State of North Dakota cut scores for the Praxis II (Principles of Teaching and Learning and Curriculum, Instruction, and Assessment Tests). The course will focus on various testing formats, test taking skills, reading practice tests, and writing responses.
250 Introduction to Education 3 CREDITS
This course explores teaching as a profession, including social, psychological, historical, and philosophical foundations of education.

273 Physical Science for Elementary Teachers 4 CREDITS
Physical Science for elementary teachers will introduce and develop concepts of Chemistry and Physics (Motion, Heat, Light, Sound, Pressure, Aerodynamics, Magnetism, and Electricity). The course is about the laws, theories, and facts of science and to teach science to grade school children, and is made up of lots of classroom experiments and demonstrations and classroom management, appropriate assessment techniques, and cooperative and collaborative methods in the science room.

290 Constructivist Teaching 3 CREDITS
This course is designed to introduce the students to the philosophy of constructivist teaching methods. Constructivist teaching recognizes the students’ prior knowledge, the importance of hands-on active learning, research and critical thinking, and diverse and culturally relevant teaching methods. Offered as needed.

297 Middle School Field Experience 2 CREDITS
Students in this class will participate in a field experience in a middle school classroom to gain practical experience in areas such as: observing teaching and adolescent behavior; participating in small instructional groups; correcting assignments; assisting with record-keeping; assisting with technology; and other activities assigned by the cooperating teacher. Offered Spring of even-numbered years.

298 Pre-Professional Experience 1 CREDIT
Students in this class will participate in an early field experience in elementary or secondary schools to gain practical experience in areas such as: observing teaching; participating in small instructional groups; correcting assignments; assisting with record-keeping; assisting with technology; and other activities assigned by the cooperating teacher.

299 Language and Curriculum Development 3 CREDITS
Goals for this class are: 1. Participate in a total immersion experience using the Hidatsa, Mandan, and Arikara culture and language; 2. Review culturally-appropriate literature; 3. Develop constructivist teaching lessons that integrate language and culture into the curriculum. Offered as needed.

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

300 Elementary Practicum I 1 CREDIT
This course is designed to give students practical experience in the classroom. The first practicum is focused on observing children, making written observations and working in single or small groups under the teacher’s supervision.

305 Diversity & Multicultural Education 3 CREDITS
This course examines the historical development of American ethnic and cultural diversity. It will help students better understand children in culturally diverse classrooms as well as preparing them to teach about cultural diversity.

320 Curriculum Instruction & Assessment 2 CREDITS
A general curriculum development and instruction course designed for the undergraduate pre-service teacher across all disciplines. It introduces and provides practice in planning, multiple instructional strategies, and methods of formal and informal assessment.

392 Foundations, Issues, and Trends 2 CREDITS
Students will study current issues and trends in education and the political and social conflicts which affect the teaching profession and progress in American education. Students will also be required to develop a personal philosophy of education and learn how an effective school philosophy can guide school as they develop their educational goals.
400 Elementary Practicum II  
This course is designed to be taken concurrently with the methods courses. Students will work with children in the areas of science, math, reading, social studies, language arts, physical education, and art under the teachers’ supervision.

402 Teaching Reading in the Content Area/Diagnostic Reading  
This course is a study of teaching reading at the elementary and middle school levels as well as learning about current approaches to assessment and methods to assist students who are having difficulty with reading and writing. The application of reading methods and strategies in literature and content area reading for different purposes will be emphasized, as well as application of strategies and study skills, and use of a variety of performance assessments.

410 Educational Assessment & Seminar  
This course will teach candidates how to assess students and how to document their progress through data collection and ePortfolio work. Candidates will also meet regularly to discuss their practical experiences in the classroom, to complete candidate disposition and self-assessments, and to strategize regarding educational issues.

411 Educational Assessment & Seminar  
This course will teach candidates how to assess students and how to document their progress through data collection and ePortfolio work. Candidates will also meet regularly to discuss their practical experiences in the classroom, to complete candidate disposition and self-assessments, and to strategize regarding educational issues. (Fall – Junior Year)

412 Educational Assessment & Seminar  
This course will teach candidates how to assess students and how to document their progress through data collection and ePortfolio work. Candidates will also meet regularly to discuss their practical experiences in the classroom, to complete candidate disposition and self-assessments, and to strategize regarding educational issues. (Spring – Junior Year)

413 Educational Assessment & Seminar  
This course will teach candidates how to assess students and how to document their progress through data collection and ePortfolio work. Candidates will also meet regularly to discuss their practical experiences in the classroom, to complete candidate disposition and self-assessments, and to strategize regarding educational issues. (Fall – Senior Year)

414 Educational Assessment & Seminar  
This course will teach candidates how to assess students and how to document their progress through data collection and ePortfolio work. Candidates will also meet regularly to discuss their practical experiences in the classroom, to complete candidate disposition and self-assessments, and to strategize regarding educational issues. (Spring – Senior Year)

421 Math Methods & Materials  
This course is a survey of current elementary and middle school math teaching strategies and math programs with an integration of theory and practice. Students explore how to facilitate the learning of mathematics in a constructivist environment through the use of investigations, manipulatives, technology, and holistic forms of assessment.

422 Language Arts Methods & Materials  
This course includes curriculum, theory, and methodology in language arts. Students will design constructivist curriculum based upon philosophies of instruction in reading, writing, listening, speaking, and thinking.

423 Reading Methods & Materials  
This course is designed to examine effective research based instructional practices used to teach reading in the elementary and middle school curriculum. Students will learn different approaches to
reading and writing in the classroom, with an emphasis on constructivism, to effectively meet learners’ needs.

424 Social Studies Methods & Materials 2 CREDITS
This course is a survey of elementary and middle school social studies teaching strategies and social studies programs with an emphasis on the integration of theory and practice. It is designed to help the student to understand and analyze the different modes of teaching social studies and to gain the competencies necessary for organizing a unit in social studies. Constructivist methods will be emphasized.

426 Science Methods & Materials 3 CREDITS
This course is a survey of current elementary and middle school science teaching strategies and science programs with an emphasis on the integration of theory, practice, and constructivism. Offered Spring of odd-numbered years.

450 Middle School Curriculum & Philosophy 2 CREDITS
This course acquaints students with the philosophy of middle school education and current practices in middle school curriculum, instruction, and assessment. Offered as needed.

451 Middle School Teaching Methods 3 CREDITS
This course is designed to develop the skills and teaching strategies to implement a middle school program. These items will be covered: thematic curriculum development, advising, working with parents, constructivism, and assessment. Offered as needed.

452 Development of Young Adolescents 3 CREDITS
Examine the physical, intellectual, emotional, moral, and social developmental and educational needs of the young adolescent.

492 Student Teaching 12 CREDITS
This course provides students with the opportunity to assume the role of a classroom teacher in an educational setting under the supervision of a cooperating teacher and the Teacher Education Department. This is an opportunity for students to create constructivist lesson plans, utilize them, and assess outcomes using the skills they have learned. Offered as needed.

498 Supervision of Student Teachers 1 CREDIT
This course prepares and trains classroom teachers to work with student teachers. It is offered to teachers who have their own classrooms who are looking to supervise and guide undergraduate student teachers. Offered as needed.

**English**

(ENG)

012 Fundamentals of Reading and Writing 3 CREDITS
This course teaches reading and writing as an integrated process through examples, exercises, course discussions and peer conferencing. The course will demonstrate the wholeness and close relationship of reading and writing and applying that knowledge to both reading and writing.

110 Composition I 3 CREDITS
This course concentrates on the whole process of writing, which involves three essential stages: Pre-writing, writing and revision. Course work develops and reinforces this writing method. Expository writing is emphasized through essay and research paper format.

120 Composition II 3 CREDITS
This course is designed to apply to principles of the whole process of writing to college level writing requirements. Concentration is placed on specific kinds of college writing skills necessary to further their academic work. These include essay writing, report writing, as well as term and research paper.
writing. Vocabulary is emphasized. Self-paced, individualized computer aid is required to introduce and reinforce grammatical concepts. Prerequisite: ENG 110

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<tr>
<td><strong>211 Introduction to Creative Writing</strong></td>
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<td>This course concentrates on important element of the creative writing process. Students will investigate three types of creative writing: short story, poetry and drama through the use of professionally written examples. Students will then creatively write their own short stories, poems and one-act plays.</td>
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<td><strong>199 Special Topic</strong></td>
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<td><strong>221 Introduction to Drama</strong></td>
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<td>The aim of this basic course is dramatic arts is tap and develop students’ ability to express themselves through mime, improvisation, monologue, and role-play. This course includes a survey of play production and playwrights. Lab Fee $20.00</td>
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<td><strong>265 Native American Literature</strong></td>
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<td>This course allows students to survey a wide range of Native American Literature, beginning with the oral tradition of myths and legends, transitional literature to modern short stories, poetry and novels. Course work will include discussion of readings designed to teach standard genres of literature. It will focus largely on student experience and response to the literature.</td>
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<td><strong>452 Scientific Literature &amp; Writing</strong></td>
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<td>This course is designed to prepare students to objectively read, examine, and interpret scientific research literature. Students will examine all aspects of information literacy as it applies to their field of study. Students will also learn the methodology of writing research papers for publication. Prerequisites: MATH 210-Statistics, BIO 150-Biology I, BIO 225-Research Methods, BIO 297-Environmental Science Internship or consent of instructor. Offered Spring of odd-numbered years.</td>
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**Course offered only as needed**

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<th>Geography (GEOG)</th>
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<tr>
<td><strong>125 Fundamentals of the Global Positioning System (GPS), Geographical Information System (GIS), and Remote Sensing (RS)</strong></td>
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<tr>
<td>This course is designed to be an introductory overview of the global positioning system (GPS), geographic information system (GIS), and remote sensing (RS). A hands-on approach is central to the processes employed. Multi-spectral data manipulation will be introduced. Offered Spring of even-numbered years.</td>
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<td><strong>150 Introduction to Geography</strong></td>
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<td>Major geographic themes will be studied and applied to selected regions, including the physical environment, mainland relationships, and regional analysis. Offered every Summer.</td>
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**Course offered only as needed**
Geology
(GEOL)

100 Earth Science
Introduction to the study of the Earth, its internal and external processes, atmosphere and natural resources. Includes laboratory. Offered Fall. Lab Fee $25.00

199 Special Topic
Subjects and credits will vary. Offered as needed.

210 Astronomy
A study of the universe that begins with the Earth as a planet, the planets, and satellites of our solar system, and moves out through stellar astronomy to galaxies and into the very fabric of the universe. Includes laboratory. Offered as needed. Offered Spring of even-numbered years.
Lab Fee $25.00

299 Special Topic
Subjects and credits will vary. Offered as needed.

**Course offered only as needed**

Graphic Arts Technology
(GAT)

103 Electronic Imaging I
At the completion of this course the student should have a basic knowledge in using the Adobe Photoshop software. They will learn how to manipulate photographs using various Photoshop techniques. Includes laboratory.
Lab Fee $25.00

109 Electronic Imaging II
This is a continuation from GAT 103 Digital Imaging course. At the completion of this course the student should have advanced knowledge in using the Adobe Photoshop CS software to manipulate Photographs using various Photoshop techniques. Includes Lab. Pre-requisites: GAT 103

**Course offered only as needed**

Health, Physical Education, and Recreation
(HPER)

101 Walking
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with walking.

102 Fitness I
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with fitness activities.

103 Archery I
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with archery.

104 Advanced Fitness
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with fitness activities at a higher-impact level.

105 Aerobics

**Course offered only as needed**
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with aerobic exercise.

115 Golf 1 CREDIT
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with Golf.

150 Advanced Basketball 1 CREDIT
This course offers instruction, practice and participation in the basic skills, body mechanics and terminology associated with basketball.

199 Special Topic 1 CREDIT
Subjects and credits will vary.

210 First Aid/CPR 1 CREDIT
This course is designed to give students an introduction to the skills necessary for immediate response to emergency situations and will include training in cardiopulmonary resuscitation.

225 Elementary Health and Physical Education Activities and Methods 3 CREDITS
This course provides background information and skills for the early-childhood and elementary teacher to implement coordinated health education in the elementary grades, and how to provide support and effective instruction in elementary physical education. Offered every Spring.

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

**Course offered only as needed**

**History**
(HIST)

103 United States History I 3 CREDITS
A survey of early American history, including old world background, transformation of British institutions into American institutions, the Revolutionary War period, the establishment of the Union, and the Civil War period up until reconstruction.

104 United States History II 3 CREDITS
This course offers a survey of the last century of American history from Reconstruction to the present.

220 North Dakota History 3 CREDITS
The study of the history of North Dakota is to examine the peoples, the events and the landscapes of the state. The history of North Dakota will allow for more than a study of names, dates, facts and figures that relate to the 71,000 square miles of the territory on the Northern Great Plains. This course will encourage the placing of the region in historical context, the politics of immigration, historical frameworks, thematic structures, economic dependency and possible directions for the future of the state. Offered Summer of even-numbered years.

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

**Course offered only as needed**

**Horticulture**
(HORT)

HORT 111 Organic Gardening I (Summer Session Only) 3 CREDITS
This course will introduce students to a method of food production in which the growers work in harmony with nature, free from chemical application. It will enable them to explore the use of organic methods of plant production not only for food but also for pleasure. Lecture and laboratory.
Lab Fee $10.00

**HORT 112 Organic Gardening II (Summer Session Only)**
3 CREDITS
This course will demonstrate principles of organic garden production. Special emphasis will be devoted to plant nutrition, applied cultural gardening practices, integrated pest management, fruit and vegetable harvesting and methods of food preservation. Lecture and laboratory.
Lab Fee $10.00

**Humanities**
(HUM)

**255 Native American Children’s Literature**
3 CREDITS
This course is a study of literature which includes stories, poetry, myths and legends about Native Americans. The course will include Native American tribes in the United States.

**Mathematics**
(MA)

*All students enrolling in their first NHSC math course are required to take a math placement exam during registration.*

**012 Foundations of Mathematics**
3 CREDITS
Individual math instruction, covering basic computation of whole numbers, fractions, decimals and percentages. Lab Fee $25.00

**101 Elementary Algebra**
3 CREDITS
Designed for students with little or no mathematics background. Basic arithmetic, operations with integers, fundamental algebra operations, factoring, linear equations, exponents and radicals. Prerequisite: 012 Foundations of Mathematics (Grade of C or higher) or Placement. Lab Fee $25.00

**102 Intermediate Algebra**
3 CREDITS
Introduction to sets, properties of real numbers, algebraic expressions, linear equations, quadratic equations, graphing, and use of calculators. Prerequisite: MA 101 (Grade of C or higher) or Placement. Lab Fee $25.00

**103 College Algebra**
4 CREDITS
Equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations. Prerequisite: MA 102 (Grade of C or higher) or Placement. Lab Fee $25.00

**104 Finite Mathematics**
4 CREDITS
Functions, matrices, linear systems, linear programming, probability and statistics, mathematics of finance and logic. Prerequisite: MA 102 (Grade of C or higher) or Placement. Lab Fee $25.00

**105 Trigonometry**
2 CREDITS
Functions of the general angles, solutions of trigonometric equations and triangles, graphs of the functions, inverse function, and identities. Prerequisite: MA 103 (Grade of C or higher) or Placement. Lab Fee $25.00

**107 Pre-Calculus**
4 CREDITS
An introductory overview to differential and integral calculus, theory of equations, limits, series, sequences and analytic geometry. Prerequisite: MA 102 or equivalent (Grade of C or higher) or Placement. Lab Fee $25.00

129 Basic Linear Algebra 2 CREDITS
Topics include systems of linear equations, row operations, echelon form matrix operations, inverses, determinants, vectors in n-space, subspaces, homogeneous systems, linear independence, rank, and dimension. Prerequisite: MA105/107 (Grade of C or higher). Lab Fee $25.00

165 Calculus I 4 CREDITS
Limits, continuity, differentiation, intermediate value and mean value theorem, indefinite integrals, and definite integrals. Prerequisite: MA 105/107 (Grade of C or higher) or Placement. Lab Fee $25.00

166 Calculus II 4 CREDITS
Application of integrations, methods of integrations, sequences, and series. Prerequisite: MA 165 (Grade of C or higher). Lab Fee $25.00

208 Discrete Mathematics 4 CREDITS
Set theory, functions, relations, graph theory, Boolean algebra, logic, induction and difference equations. Prerequisite: MA 103 (Grade of C or higher). Lab Fee $25.00

210 Elementary Statistics 4 CREDITS
Descriptive statistics, sampling statistical methods of gathering, presenting, and analyzing data. Topics include basic concepts in measuring, scaling, binomial and normal distribution, hypothesis testing and regression. Prerequisites: MA 103/104 (Grade of C or higher). Lab Fee $25.00

227 Applied Linear Algebra 3 CREDITS
Matrices, vectors, systems of linear equations and inequalities, mappings, determinants, and linear programming. Prerequisite: MA 165 (Grade of C or higher). Lab Fee $25.00

265 Calculus III 4 CREDITS
Multivariate and vector calculus including partial derivatives, multiple integration and its applications, line and surface integrals, Green’s Theorem and Stoke’s Theorem. Prerequisite: Math 166

266 Differential Equations 3 CREDITS
Solution of elementary differential equations by elementary techniques, Laplace transforms, systems of equations, matrix methods, numerical techniques, and applications. Prerequisite: Math 265

277 Math for Elementary School Teachers 3 CREDITS
This class is designed specifically for elementary education. Topics include problem solving, number systems, number theory and reasoning, computer software, calculators, and manipulative usage. Prerequisite: MA 012 or equivalent. Lab Fee $25.00

280 College Geometry 3 CREDITS
Geometry is the foundation for our mathematical interpretation of the world. We will be exploring the fundamentals of geometry, beginning with axioms and proceeding from there. We will also be looking at the logical structure of theorems and proofs, and experimenting with different axioms. Our main topics include finite, transformational, congruence, inequalities, parallelism, similarity, area, circle, and solid geometry.

377 Geometry for Elementary Teachers 3 CREDITS
This course investigates experimental and inductive discovery in building geometric concepts at the elementary school level.

Native American Studies (NAS)

101 Introduction to Indian Studies 3 CREDITS
General overview of the various tribes throughout the United States. Course will include the study of locations, language groups, cultural groups, cultural practices, and similarities and relationships of the American Indian.

102 Comparative Spiritual Beliefs 3 CREDITS
This is an introductory course comparing world religions with those of selected Indian tribes. Basic Themes such as creation, prayer, human relations, birth, death, and afterlife will be explained.

103 Cultural Foundations of the Three Affiliated Tribes 3 CREDITS
Explore differences and similarities of the Mandan, Hidatsa, and Arikara tribes’ cultural values. Topics will include clan systems, rites and rituals, and worldviews based on origin. Students will select one (1) Tribe for in-depth study.

105 Native American Art 3 CREDITS
This course will acquaint and enable the student to participate in and gain knowledge of Native American art. Lab Fee $50.00

113 Hidatsa I 3 CREDITS
Introduction of basic fundamentals of sound, pronunciation, vocabulary, and phraseology. The course integrates the Indian culture with the language. Lab Fee $25.00

114 Hidatsa II 3 CREDITS
Hidatsa II is a continuation of Hidatsa I with an emphasis on grammar, writing, and conversation. The course integrates the Indian culture with the language. Prerequisite: NAS 113 or equivalent. Lab Fee $25.00

115 Mandan I 3 CREDITS
Introduction to basic fundamentals of sound, pronunciation, vocabulary, and phraseology. The course integrates the Indian culture with the language. Lab Fee $25.00

116 Mandan II 3 CREDITS
Mandan II is a continuation of Mandan I with an emphasis on grammar, writing and conversation. The course integrates the Indian culture with the language. Prerequisite: NAS 115 or equivalent. Lab Fee $25.00

117 Arikara I 3 CREDITS
Introduction to basic fundamentals of sound, pronunciation, vocabulary, and phraseology. The course integrates the Indian culture with the language. Lab Fee $25.00

118 Arikara II 3 CREDITS
Arikara II is a continuation of Arikara I with an emphasis on grammar, writing and conversation. The course integrates the Indian culture with the language. Prerequisite: NAS 117 or equivalent. Lab Fee $25.00

119 Native American Singing 3 CREDITS
This course is designed to teach the student the fundamentals of singing at the drum.

120 Native American Hand Games 3 CREDITS
This course is designed to teach hand games and perform the games as a team.

121 Introduction to History of Indian Education 3 CREDITS
A survey of the education of Native Americans in the United States throughout history. Special attention will be paid to the Boarding School Experience and the Tribal College Movement.

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

201 History of the Three Affiliated Tribes 3 CREDITS
This course will examine the origin of the Arikara, Hidatsa, and Mandan tribes, based on oral traditions. Archeology as a method of study of lifestyles will be included.

203 Native American Philosophy 3 CREDITS
This course will provide an introduction to the Native American philosophical thought, as expressed in selected readings and lectures. A humanistic and objective approach will be used to study various tribal philosophical beliefs. (Course also listed in the Philosophy area)

**204 Native American Health Perspectives** 3 CREDITS
This course is designed to provide the student with knowledge of health issues from the Native American point of view. It will employ a phenomenological system of studying various health concerns of Native American people.

**205 Native American Issues in Film** 3 CREDITS
This is a special topic tribal studies course, which focuses on the motion picture industry role in the institutionalization of stereotyping and racism of Indian people in the United States. It is a factual, rather than judgmental approach. The course will present films from the silent era to the present. Course work will concentrate on student responses and analysis to films as well as group projects to allow students to follow their own interests in dealing with the issues of the course. Lab Fee $30.00

**213 Tribal Government** 3 CREDITS
This course provides an analytical description of tribal governments and their legal, social, and political structure. Emphasis will be placed on the examination of the tribal government of the Three Affiliated Tribes.

**220 Reservation Economics** 3 CREDITS
The study of comparative economic systems and the structure of the reservation economy to include agriculture, small business, tribal enterprise.

**225 Traditional Gardening and Foods** 3 CREDITS
This course is designed to re-introduce participants to the traditional diet and gardening practices of the Nueta, Sahnish, and Hidatsa Peoples.

**240 Research and Writing in Native American Studies** 3 CREDITS
This course will provide students an opportunity to explore and write about academic issues in Native American Studies.

**299 Special Topic** 0.5-4 CREDITS
Subjects and credits will vary.

**301 History of the Mandan** 3 CREDITS
This course examines the history and culture of the Mandan from pre-contact, through contact, to the present. Through the letters, reports, writings, and journals of early explorers, traders, merchants, and missionaries, and through the oral literature and teachings of the Mandan, the course will explore the Mandan way of life and the subsequent changes wrought by the immigrations of other peoples to Mandan territory. The *Okipa* and its central importance to the Mandan culture will be explored. The Earth Lodge as a symbol of the extended family and a woman’s power of ownership will be examined, as will the economically beneficial agrarian practices of the Mandan women.

**302 History of the Hidatsa** 3 CREDITS
This course examines the history and culture of the Hidatsa from pre-contact, through contact, to the present. Through the letters, reports, writings, and journals of early explorers, traders, merchants, and missionaries, and through the oral literature and teachings of the Hidatsa, the course will explore the Hidatsa way of life and the subsequent changes wrought by the immigrations of other peoples to Hidatsa territory. The Hidatsa *Sun Dance* and its importance to the Hidatsa culture will be explored. The Earth Lodge as a symbol of the extended family and a woman’s power of ownership will be examined, as will the economically beneficial agrarian practices of the Hidatsa women.

**303 History of the Arikara** 3 CREDITS
This course examines the history and culture of the Arikara from pre-contact, through contact, to the present. Through the letters, reports, writings, and journals of early explorers, traders, merchants, and missionaries, and through the oral literature and teachings of the Arikara, the course will explore the
Arikara way of life and the subsequent changes wrought by the immigrations of other peoples to Arikara territory. The Seven Societies of the Arikara and their importance to the Arikara culture will be explored. The Earth Lodge as a symbol of the extended family and a woman’s power of ownership will be examined, as will the economically beneficial agrarian practices of the Arikara women.

304 Native American Art History
3 CREDITS
This course will examine the major Native American art traditions and forms from pre-contact, through contact, to the present. Art designs, forms, and techniques of the Mandan, Hidatsa, and Arikara will be emphasized. As well as celebratory and functional creations, art evolving from capture and subjugation of Native Americans will be explored.

307 Native American Leadership: Past and Present
3 CREDITS
Leadership issues among Native Americans will be studied along with some of the more prominent leaders, traditional and contemporary. Leadership styles and their impacts regarding accomplishments will be addressed.

308 Tribal, State, and Federal Programs on Indian Reservations
3 CREDITS
Tribal governments on Indian lands generally do not have a tax base with which to govern the people. Many services to Indians have their roots in treaty rights. Thus education, health, and social service programs are primarily funded through scant allocations from the federal government. There are numerous agencies where governments may obtain funding through the grant process. These will be identified and discussed in this course.

309 American Indian Religion and Spirituality
3 CREDITS
Students in this course will analyze certain historic and present-day tribal beliefs. Foundations of Native American religions will be discussed from the perspective of the tribal-specific belief systems. Topics will include various aspects of Indian religions such as healing, balance, ceremony, medicine people, and the legal protection of American Indian religion. Students will explore the colonial impacts of European religions and their proselytizers on American Indian spirituality. Spiritual revitalization efforts among Indian people will also be studied.

330 Contemporary Plains Indian Cultures
3 CREDITS
This course will be an overview of the history and cultures of the indigenous societies of the Great Plains, courses focuses will be from 1870 to present. It explores contemporary Plains Indian societies and cultures. It looks at cultural changes, issues facing contemporary cultures and societies, and situations on reservations.

331 Traditional Plains Indian Cultures
3 CREDITS
This course will provide an overview of the history and cultures of the Native American Plains societies. The course will examine the time period of European contact to the end of the 19th century. This class explores the traditional societies and cultures of the Plains tribes. It takes a look at their histories, cultures, social and political organizations, and interactions with each other.

342 Native American Music
3 CREDITS
This course will provide an overview of different genres of Native America music. The course will examine the historical context of traditional and the evolution contemporary Native American music. The students explore Native American music from the north and southern plains, southwest, east and west coast. Students look at song structure, instrumentation and performance formats of Native America practitioners.

350 Native American Languages
3 CREDITS
The globalization of the English language in the world has influenced all non-English speaking people. This course will confront the commonalities of language loss not only in Native American communities but globally. The course explores the connection between Native American languages and culture. This will examine Native American language revitalization methodologies and introduce students to the
basics of sociolinguistics. This class will compare the difference between oral and written languages. This course will provide an overview of Native American languages.

**352 American Indian Philosophical Thought**  3 CREDITS
This course will explore Native American thought from pre-contact through the present by examining oral narratives and written materials. Students will understand how Native Americans think about multiple subjects to include social, spiritual, legal, political, aesthetic, scientific, environmental, and historical matters.

**379 Special Topics**  1-3 CREDITS
Prerequisite: six hours of NAS courses.
Course must cover topics of special interest to NAS such as politics and tribal government, contemporary health issues, educational policies and trends, and Native culture in the U.S. and North Dakota.

**385 Native American Economic Development**  3 CREDITS
This course will explore economic development on Indian lands using the Joint Occasional Papers on Native Affairs (JOPNA) produced jointly by the Harvard Project on American Indian Economic Development at Harvard University and the Native Nations Institute for Leadership, Management, and Policy at the Udall Center for Studies in Public Policy, University of Arizona. The JOPNA series consists of premier academic research and policy reports, which students will read critically, discuss, and determine whether the research is applicable to their own reservation communities.

**400 Indian Country Today**  3 CREDITS
This course acquaints students with a myriad of contemporary issues confronting Native Americans today. Issues of tribal sovereignty, tribal politics, ethics in government, political activism, appropriation of Native religious ceremonies, Native water rights, hunting and fishing rights, jurisdictional issues, gaming, education, and contemporary Indian arts will be studied.

**401 Evaluating Research on TAT**  3 CREDITS
This course is designed for students to conduct value-based content analyses of research about the Three Affiliated Tribes. Each student will do limited case study of the researcher, and a content analysis of the researcher’s work related to the Three Affiliated Tribes. A few of the researchers to be studied include Alfred Bowers, Gilbert Wilson, Martha Warren-Beckwith, Joseph Cash. Other less known individuals will also be studied.

**402 Agricultural & Natural Resource Management in Native American Comm.**  3 CREDITS
This class will concentrate on agriculture practices and natural resource management of the Three Affiliated Tribes. The class will review the history of agriculture and natural resource management by people of the Three Affiliated Tribes throughout pre-European exposure, Fort Laramie treaty period, reservation period and post Garrison Diversion period. The class will also identify modern agricultural practices and examine how they have been incorporated into traditional agriculture on Fort Berthold.

**418 Native American Judicial Issues**  3 CREDITS
This course will examine how the local Tribal Court systems and the Trial Appeals Courts function. Other issues will be studied related to justice on the reservation such as civil procedure; local, federal, and state jurisdictions; judicial appointments; Native American rights under the American Indian Civil Rights Act; and, BIA and Tribal law enforcement agencies in relation to the Tribal Courts.

**420 Federal Indian Law and Policy**  3 CREDITS
The focus of this course is the historic development of federal Indian law and related federal policies; it will address fundamental theoretical issues such as the establishment of Indian Law, historic and postcolonial policies directly affecting reservation Indians in the United States, and the critical relationship between Indian law and policy. A review will be conducted of primary documents, treaties, case law, and agencies which are the foundations of federal relationships with Indian Tribes.

**424 Native American Oral Literature**  3 CREDITS
The oral literature of Native America provides a wealth of historical, social, economic, and spiritual literary material. This course will explore the different genres of oral literature and different theoretical approaches to examining oral literature.

425 Tribal Colleges and Higher Education 3 CREDITS
This course will explore history, mission, governance, organization, finance, curriculum and current challenges of tribal colleges. The course will also include student characteristics and student support services, responsibilities and evaluation and assessment. This class will examine the different philosophies of tribal colleges and how each college responds to the needs of their community. This class will look at their contributions to Native education, academia, states and federal agencies.

430 Native American Studies Internship 1-3 CREDITS
Prerequisite: completion of 18 hours of Native American Studies curriculum and permission of internship coordinator. Participation in a supervised work experience. Grade is based on work performance, regular reports, and on-site supervisor's evaluation.

444 Native American Environmental Issues and the Media 3 CREDITS
Approximately one-fourth of the natural resources in the United States are located on Indian lands. This course acquaints students with myriad environmental issues facing tribal nations today as a result of natural resource development, and with how the media presents such issues. Noam Chomsky has written and talked about how the media is able to manufacture consent, form public opinion, and create public policy to the advantage of the large corporations and government agencies. Students will examine the impacts of oil and gas development, coal-generated power plants, hunting, fishing, and boating. By reading, viewing, and analyzing media literature, reports, and visual materials, students will learn to use a critical approach in determining the underlying intent and value of the productions.

450 History of American Indian Education 3 CREDITS
This course examines the development of education among Native Americans in the United States from pre-colonial periods to the near present; promotes understanding of key contested issues in this history; and supports individual historical research on a selected topic. Course readings and discussions offer multiple opportunities to strengthen and apply skill in designing, conducting, and assessing historical research on Native American education and provide substantive and methodological foundations for those who may undertake further study in the history of Native American education.

492 Directed Readings 1-3 CREDITS
Prerequisite: six hours of NAS courses. Must be lead by a faculty member to approve a topic area related to Native American Studies. Faculty member and student must agree on text related to topic, assessment and evaluation.

494 Independent Study 1-3 CREDITS
Prerequisite: six hours of NAS major courses and permission of instructor. Work on a topic of the student’s choosing taken under the direct supervision of a faculty member. May involve directed reading and research or participation in a community-based activity. Students will be required to give a written report or research papers.

499 Senior Thesis in Native American Studies 3 CREDITS
This course is open only to majors/double majors by arrangement with the Vice- President for Native American Studies. A formal thesis is required for the course. Please contact the Native American Studies office for the rules pertaining to completion of this course.

**Course offered only as needed**

Nursing (NURS) 102
AH 099 Basic Health Care Skills 3 CREDITS
This course prepares the student to work in areas of health care such as long-term care; acute care; home health adult daycare; sub-acute care; out-patient care areas, and rehabilitation care. Most of the tasks a nursing assistant will do includes caring for residents and assisting with activities of daily living. The student will be prepared to take the Certified Nursing Assistant Licensing examination.

AH 171 Medical Terminology 3 CREDITS
An introduction to basic Latin and Greek prefixes, suffixes, word roots, and combining forms for each body system, spelling of basic anatomic terminology, plurals, and pronunciation.

PHRM 215 Intro to Pharmacology 3 CREDITS
The course is designed to survey the terminology, drug laws, math, and drug dosages used in medication administration. A study of medications within each drug classification using the nursing process emphasizes safe, effective drug therapy. Prerequisites: Student must be in Nursing Program and approval by instructor

NURS 120 Foundations of Nursing 3 CREDITS
This course introduces concepts related to the practical nurse’s roles and responsibilities in today’s society. Emphasis is placed on effective communication, microbiology concepts, basic human needs, critical thinking, research, and ethical-legal and professional issues. Health promotion and disease prevention concepts are introduced. Upon completion the student will be able to understand the nursing process as it relates to the socially and culturally diverse clients along the health-illness continuum.

NURS 121 Practical Nursing I 3 CREDITS
This course introduces students to core concepts of mental health nursing, nutrition, and health assessment as they related to the nursing profession. Students will learn concepts of mental health and mental illness, health promotion and disease prevention related to nutrition; and the data collection processes of health assessment.

NURS 122 Clinical Practice I 3 CREDITS
This course takes place in the nursing laboratory and in health care facilities. The student will apply social, biological, behavioral and nursing science principles as they are acquired in the Foundations of Nursing and Practical Nursing I courses. Basic nursing skills and procedures are demonstrated and applied in a supervised laboratory/clinical setting. Beginning Practical Nursing Students will begin to participate with the nursing process for clients across the lifespan.

NURS 124 Clinical Practice II 3 CREDITS
This course takes place in the nursing laboratory and in health care facilities. Additional nursing skills are introduced in the laboratory and applied in the clinical setting utilizing current technology. Clinical experiences will include nursing interventions, pain management, nutrition and drug therapy for disease and infectious processes of culturally diverse clients across the lifespan. Health promotion activities and disease prevention techniques will be incorporated into nursing care of the culturally diverse client. Mental health and therapeutic communication concepts are applied in caring for clients along the health illness continuum. Evidence based practice is applied in the holistic care of clients across the lifespan. Upon completion the student will assist in the nursing process as a member of the interdisciplinary health care team.

NURS 127 Practical Nursing II: Introduction to Medical/Surgical Nursing 2 CREDITS
This didactic course expands on prior learning to increase evidenced based knowledge of nursing interventions, pain management, surgery, cancer, trauma and drug therapy for disease and infectious processes of the bio-psychosocial individual along the health-illness continuum. This course will integrate teaching and learning activities that enhance critical thinking skills, involvement of clients in decision-making, self-care, health promotion, disease prevention and intervention to responses to illness. Upon completion the student will describe the application of the nursing process in caring for culturally unique clients across the lifespan in an ethical and legal manner.
NURS 145 Introduction to Maternal Child Nursing  
2 CREDITS
This didactic course focuses on nursing care of the culturally diverse woman, infant, and child. Emphasis is placed on health maintenance and selected study of diseases and disorders affecting women, infants, children, and families. Growth and development of the infant and child, and common childhood illnesses are presented. The importance of family centered care and therapeutic communication is addressed. This course will integrate teaching and learning activities that enhance involvement of clients in decision-making, self-care, health promotion and disease prevention.

NURS 126 Clinical Practice III  
3 CREDITS
This clinical takes place in a variety of clinical settings. The student will apply evidence based nursing knowledge and skills in caring for clients across the lifespan with stable or predictable health problems and assisting with those whose conditions are critical or unpredictable. Critical thinking, effective and therapeutic communication, nursing process, management of nursing care, and delegation of unlicensed assistive persons are incorporated into the clinical experience. The student will provide safe and effective nursing care in a legal and ethical manner for clients along the health-illness continuum as an interdisciplinary member of the health care team. Upon completion of this clinical course, the student will have the knowledge and experience to practice in the role of a practical nurse.

NURS 129 Practical Nursing III  
4 CREDITS
This course will continue the study of evidenced based nursing interventions, nursing process, nutrition and drug therapy for disease processes of the culturally diverse client across the lifespan along the health-illness continuum. Additional course information will include accountability, roles, responsibilities and ethical, legal and professional issues of the entry level Practical Nurse. The principles of therapeutic communication are expanded and the impact of technology on nursing care is addressed.

NURS 224 Professional Role Development  
2 CREDITS
This course is designed to assist the licensed practical nurse in transition to the role of the associate degree nurse. Emphasis is placed on the role of the registered nurse, evidence based practice, nursing process, and therapeutic communication. Historical trends of nursing will be discussed and management concepts will be introduced. Upon completion, students should be able to articulate professional aspects of the practice of nursing.

NURS 225 Alterations in Health I  
3 CREDITS
This course introduces concepts related to the nursing care of individuals experiencing acute and chronic alterations in health that build on knowledge and skills introduced in practical nursing programs and the supporting sciences. Emphasis is placed on utilizing scientific principles and the nursing process as a framework for providing and managing nursing care to individuals along the health-illness continuum. Upon completion, students will incorporate basic decision making skills and therapeutic communication to meet basic human needs for individuals experiencing acute and chronic alterations in health across the lifespan including end-of-life issues.

NURS 226 Maternal Child Nursing  
3 CREDITS
This course integrates prior learning to provide expanded knowledge of the neonate, developing child, women’s health, and childbearing family. Maintenance and study of diseases and disorders affecting diverse neonates, children, women, and families along the health-illness continuum, including end of life issues, are examined. Emphasis is placed on therapeutic communication, the role of the registered nurse, ethical/legal issues and health promotion and maintenance during life stages of growth and development for the neonates, children, and women. As a member of the interdisciplinary health care team, the student will explore the human needs of diverse neonates, children and women utilizing the nursing process as a framework.

NURS 227 Clinical Application I  
4 CREDITS
Utilizing the nursing process the associate degree nursing student will administer care to meet the needs of individuals across the lifespan. The student will demonstrate assessment skills and apply scientific principles and aseptic technique in caring for individuals across the lifespan along the health illness continuum. The student will apply therapeutic communication in the management of patient care and as a member of the interdisciplinary health care team.

**NURS 228 Alterations in Health II**  
4 CREDITS  
This course continues the study of acute and chronic alterations in health. Nursing care of individuals experiencing complex alterations in health is discussed. Emphasis is placed on the nurse’s role as a member of an interdisciplinary team and as a manager of care for individuals across the lifespan. The student will analyze personal and professional values, leadership and management, and quality improvement processes. Upon completion, students will be able to provide comprehensive nursing care for individuals with acute, chronic, and complex alterations in health.

**NURS 229 Health Promotion & Psychosocial Nursing**  
2 CREDITS  
This course includes concepts related to the nursing care of individuals experiencing alterations in social and psychological functioning. Utilizing the nursing process, the students will explore human needs of individuals with mental health alterations. Utilization of therapeutic communication techniques, use of self and cultural awareness is stressed. Emphasis is also placed on health promotion, health maintenance, and accident/illness prevention for diverse individuals across the lifespan.

**NURS 237 Clinical Application II**  
5 CREDITS  
Utilizing the nursing process, the associate degree nursing student will meet the needs of individuals experiencing complex alterations in health as well as psychiatric/mental health issues across the lifespan along the health, illness continuum. Critical thinking, nursing process, group dynamics and management of nursing care are incorporated into the clinical experience. Students will apply evidence based nursing knowledge and skills in the implementation of health promotion activities. The student will utilize therapeutic communication and effective management skills in providing nursing care according to legal/ethical and professional standards.

**NURS 259 Role Transitions**  
1 CREDIT  
This course assists the AD nursing student to prepare for the NCLEX RN® examination and to become a member of the RN workforce. The theoretical component of this course will reinforce and complement prior knowledge gained in the nursing curriculum. Students will utilize the nursing process and critical thinking skills to review previously learned nursing concepts. The course will also provide the student with opportunities to apply basic interview techniques and resume preparation and develop skills for successful employment as a health care professional. It assists the student in making decisions concerning job choices and educational growth. The course stresses the requirement of ongoing education for the RN as a member of the health care team and benefits of professional organizations. Completion of the course will assist students to further prepare for the NCLEX RN®.

**Physics**  
*(PHY)*

**105 Physical Science**  
4 CREDITS  
This course provides a survey of the material world and the principles of physics, chemistry, and the earth, and space sciences. The course provides general knowledge and appreciation of achievements in modern science. Includes laboratory and field activities. Offered as needed. Lab Fee $25.00

**211 Physics**  
4 CREDITS  
This is a beginning course for students without a calculus background. Students will demonstrate an understanding of the foundations of Classical Physics—force, energy, power, position/velocity/
acceleration, momentum, waves—and skills in interpreting graphs, critical thinking, problem-solving, and applications. Includes review of trigonometry and the metric system. Offered as needed. Prerequisite: College Algebra/Trigonometry

251 University Physics I 4 CREDITS
The calculus-based general physics course sequence for students majoring in chemistry, physics, or engineering. Topics: Newtonian mechanics and gravitation, work and energy, solids and fluids, heat and thermodynamics. The laboratory is a part of this course. A student may not receive credit for Physics 251 and also Physics 211. Prerequisite: MA 165.

252 University Physics II 4 CREDITS
The calculus-based general physics course sequence for students majoring in chemistry, physics, or engineering. Topics: vibrations and waves, electricity and magnetism, light and optics, and an introduction to modern physics. The laboratory is a part of this course. Prerequisite: PHY 251 or ENGR 201 and ENGR 202.

Political Science (POLS)

114 American Government I 3 CREDITS
An introduction to political science through the study of the American political system, including the Constitution, the political process; the structure, powers, and procedures of the Presidency; and Congress and the Judiciary.

115 American Government II 3 CREDITS
A course in the study of the structure, function, and problems of state and local government, including executive, legislative, and judicial processes; federalism and metropolitan government.

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

216 Introduction to Grantsmanship 3 CREDITS
This course will examine the implementation and management of grants and contracts. Prerequisite: ENG 110 or Equivalent.

234 Basic Indian Law 3 CREDITS
This course is designed to gain understanding and knowledge of the laws governing Indian tribes across North America. A historical overview of the developing relationships, beginning with treaty making and ending with the Indian’s relationship with the federal government today. Emphasis on North Dakota Tribes and the uniqueness of tribal governments.

250 Public Administration (On Demand Only) 3 CREDITS
This course examines the forms and trends of public administrative organization, including management; legislative and judicial controls of public administering. Where applicable, this course will include a provision for a student’s graduation project.

297 Tribal Government Internship (On Demand Only) 2 CREDITS
The objective of this course is to expose the student to a variety of experiences within our Tribal Government and Tribal Court system.

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

**Course offered only as needed**

Pre-Engineering

106
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CE 204</td>
<td>Surveying I/Lab</td>
<td>4</td>
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<tr>
<td>ENGR 115</td>
<td>Intro to Engineering w/CAD</td>
<td>4</td>
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<tr>
<td>ENGR 201</td>
<td>Statics</td>
<td>3</td>
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<td>ENGR 202</td>
<td>Dynamics</td>
<td>3</td>
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<td>ENGR 297</td>
<td>Engineering Internship</td>
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<tr>
<td>EE 206</td>
<td>Circuit Analysis/Lab</td>
<td>4</td>
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<td>ME 223</td>
<td>Mechanics of Materials</td>
<td>3</td>
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<td>ME 350</td>
<td>Thermodynamics</td>
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<tr>
<td>PSY 100</td>
<td>Psychology of Student Success</td>
<td>1</td>
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<tr>
<td>PSY 111</td>
<td>Introduction to Psychology</td>
<td>3</td>
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<tr>
<td>PSY 115</td>
<td>Horses &amp; Holistic Health</td>
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**Psychology (PSY)**

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Field and office problems using surveying instruments, measurements and computations with emphasis on mathematics concepts. Prerequisite: MA 105 or 107.

This course is designed to introduce the profession of Engineering, in its many types, to the student—in particular the specific skill of Computer-Aided Design (CAD). The skills and techniques used by successful college engineering students—study techniques, time management, test taking, note-taking, goal-setting, wellness, stress management, and career orientation in engineering--will be discussed. AUTOCAD will be used to demonstrate the potential of Graphic Design software; activities will engage the students in the basic steps of engineering design and how it relates to the profession.

This course will cover scalar and vector approaches to trusses, frames and machines, internal forces, friction forces, center of gravity, centroid, and moment of inertia. Prerequisite: MA 165

This course will cover dynamics of particles and rigid bodies, work energy, impulse-momentum, principles of conservation of energy and momentum. Prerequisite: ENGR 201 & MA 166

This course allows the student to experience engineering in the workplace in conjunction with their program of study. The student’s advisor will approve the location. Credits are earned based on the number of hours worked per semester. Prerequisite: ENGR 115

Introduction to electric circuit components. Fundamental laws of circuit analysis. Steady state and transient analysis of DC and AC circuits. Electric power calculations. Prerequisite: MA 166

Introduction to stress, strain, and their relationships; torsion of circular shafts, bending stresses, deflection of beams, stress transformations, buckling. Prerequisite: ENGR 201.

Introduction and application to the laws of thermodynamics; analysis of closed and open systems; introduction to heat transfer, Carnot principle, engine power plants and refrigeration applications. Prerequisites: ENGR 202.

Designed to help students succeed in college, including introduction to Information Literacy, goal setting, and problem solving. Basic wellness including physical health, assertiveness, time management and communication skills will be emphasized. Students will understand student assessment and will begin developing their e-portfolios.

Fundamentals of psychology will be presented, including the physiological and cultural basis of human behavior; theories of learning, thinking and behavior; techniques of studying human behavior.

Introduction to the range of horse assisted health and wellness programs, including models and methods. Introduction to traditional native cultural perspectives on horses and healing; equine assisted
psychotherapy and learning; therapeutic riding; and relational horsemanship models will be covered. Lab fee $25.00

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

201 Dynamics of Adjustive Behavior & Mental Health 3 CREDITS
Presents the principles of behavior adjustment. It is concerned with how socially relevant behavior is learned, what the motivating functions are, and how they operate in life. Prerequisite(s): PSY 111.

230 Educational Psychology 3 CREDITS
Emphasizes principles of child development, learning theory, classroom management, and effective teaching through lectures, class discussion, research review groups, and field experiences Prerequisite: ED 250 and PSY 111. Offered Spring of even-numbered years.

244 Dynamics of Addiction 3 cr. Emphasizes the history of drugs of abuse, theories and controversies about chemical dependency, and multidisciplinary approaches to treatment. Prerequisite(s): PSY 111.

250 Developmental Psychology 3 CREDITS
This course will examine the normal physical, intellectual, emotional, and social influences on psychological developments. Emphasis will be placed on the significance of childhood and Adolescence in adult development. Prerequisite: PSY 111

255 Adolescent Psychology 3 CREDITS
An overview of theories of human development from conception through adolescence, including the physical, cognitive, language, social, and educational aspects of the individual’s development. Special emphasis will be on adolescent issues and problems such as substance abuse.

261 Psychology of Adjustment 3 CREDITS
This course overviews the theories of human development from conception through childhood including physical, cognitive, emotional, social and behavioral parameters, norms and atypical patterns. Also the principles of behavior adjustment will be presented, as well as how socially relevant behavior is learned. Motivational functions will be covered and how they operate in life. A case study is required. Prerequisite: PSY 111.

270 Abnormal Psychology 3 CREDITS
This course studies classifications of abnormal behaviors, both past and present, in an effort to understand causes, both functional and organic, of abnormal behaviors. Current psychological models of abnormal behavior, as well as treatment methods, as well as treatment methods, will be addressed. Prerequisite: PSY 111

285 Practicum 2 CREDITS
The objective of the Practicum is to expose students to a variety of experiences within human service delivery systems. Students will work with local and regional human service agencies, including hospitals, in their area of interest, including participation in individual, group, and family counseling, special emphasis in addiction counseling.
Lab Fee $10.00

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

**Course offered only as needed**

Sociology (SOC)

110 Introduction to Sociology 3 CREDITS
This course will delve into the nature of culture, society, and socialization. An analysis of group life and other social forces will be undertaken, such as: role, status, social stratification, and collective behavior.

115 Family Science 3 CREDITS
An introduction to family science concepts, including family life cycle, different styles of family life, and the influence of society on the family.

215 Marriage and the Family 3 CREDITS
This course will explore the development of marriage and the family as a social institution. The main emphasis will be on the contemporary American family under rural and urban conditions, challenging family roles, and adolescence and mate selection.

Social Work (SWK)

102 Professional Resident Training Program (on-demand) 3 CREDITS
This course will provide the student with knowledge and an intensive clinical experience relative to the treatment of substance dependence. Each professional resident participates in a two-week treatment process at CDU, St. Joseph’s Hospital in Minot or Circle of Life in New Town or Parshall Resource Center in Parshall or Trinity CDU in Williston.

103 Resident Training Skills Development (on-demand) 2 CREDITS
Prerequisite: SW 102
This course will provide the student with knowledge of the substance abuse aftercare process.

104 Independent Living 1 CREDIT
This course will provide a basic understanding of life skills and living tasks necessary for all adults to live full and functional lives. Course requirement for 477 students.

106 Domestic Violence 3 CREDITS
This course is designed to give students a better understanding of Domestic Violence and the impact it has on many individuals, systems, and agencies in all communities. It will focus on providing students an understanding of history, philosophy, and current ideologies of identification, intervention, treatment, and prevention of family violence. We will examine the aspects, and the policies and laws, of violence against children, elders, spouses, as well as sexual abuse. Opportunities will be provided to discuss cases, apply theories, discuss policies, hear presentations of philosophies from different sectors, and create solutions and resolutions for practitioners.

199 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.

230 Systems of Care: Wraparound 3 CREDITS
This course is designed to provide competency-based instruction on how to do wraparound. It includes understanding solution-focused work with children and families. Skills such as strength discoveries and running child and family support team meetings are part of the competencies. Implementation of plans and follow-up are emphasized.

231 Contemporary Issues of Native American Families 1 CREDIT
This course is designed as a community seminar focusing on contemporary issues. The community will be welcome to attend the sessions. The concepts of planning, teamwork, and organizing community forums will be secondary objectives.

250 Interpersonal Skills 3 CREDITS
This course is designed to train students in the skills of verbal and non-verbal interpersonal communication. Settings will include common interactions, as well as those common to the generalist framework of social work fields of practice when working with clients on planned changes.

255 Social Work Profession 3 CREDITS
This course covers an interdisciplinary introduction to the profession of social work and careers in the human service field. History of the social work profession, goals, philosophy, base assumptions and outcomes within the generalist framework of social work fields of practice. This course also provides an opportunity to learn about the agency settings, roles and professional values and ethics guiding practice.

256 Social Welfare 3 CREDITS
A general overview of the historical development of social welfare, together with a consideration of the areas of social welfare practices, including: values, problems and issues related to social welfare institutions. Observational visits to community agencies, as well as pre-placement activities will also be included.

299 Special Topic 0.5-4 CREDITS
Subjects and credits will vary.
  **Course offered only as needed**

### Soil Science (SOIL)

**SOIL 210 Introduction to Soil Science** 3 CREDITS
Physical, chemical, and biological properties of soils as related to use, conservation, and plant growth.
Lab Fee $10.00

**SOIL 221 Soil Management and Conservation** 3 CREDITS
Principles and practices of soil management and conservation planning in relation to soil erosion, tillage systems, crop production, sustainability, and environmental quality.
Lab Fee $10.00

**331 Soil Ecology** 3 CREDITS
This course engages students with the principles of soil-plant-animal interactions and their influences on environmental and agricultural issues of global significance (e.g., sustainable agriculture, global climate change, diversity conservation). Pre-requisite SOIL 210. Offered Spring of odd-numbered years.

**199 Special Topic** 0.5-4 CREDITS
Subject and Credits will vary

**299 Special Topic** 0.5-4 CREDITS
Subject and Credits will vary

### Sustainable Energy Technology (SET)

**101 Introduction to Sustainables** 3 CREDITS
This course will define sustainability as it applies in the world order. It will focus on alternative energy sources and the role that energy has played in modern society. Specifically, it will cover in some detail photovoltaic systems, wind energy systems, and solar thermal systems such as hot water and heating. The student will look at the economic and environmental impact that fossil fuels have created and review alternative approaches to sustainable energy development. The class will increase the overall
awareness and appreciation of modern energy usage and knowledge of alternatives that allow for a sustainable future.

110 Basic Electronics  
4 CREDITS  
This course is designed to introduce the student to the fundamental concepts of electronics and electronic systems. Analog and digital systems will be introduced with some basic applications. The student will learn how to use electronic instruments including the volt ohm ampere meter, a wave form generator and an oscilloscope. This is an interactive course whereby the student will develop an understanding of various electronic components and circuits, build a simple bread board and then measure various parameters and responses of the components / circuits. The goal is to reinforce what was learned with real world measurements.

121 Photo Voltaics I  
3 CREDITS  
This renewables course will present wind, solar hot water, and photovoltaic systems. Included are the installation of photovoltaic systems, sighting for wind energy systems, and solar thermal systems such as domestic hot water (DHW).

201 Energy Efficiency  
3 CREDITS  
This class will explore energy efficiency and establish that it is the greatest source of energy that we have: saving existing energy (conservation). We will discuss EPA programs like Energy Star, which sets manufacturers’ guidelines, and minimum standards requirements will be covered. The student will become familiar with terminology, conservation polices, and energy efficient programs. This course will cover building design and residential construction with methodologies teaching the student how to save energy and the environment, and how to be a smart energy efficient consumer in daily life. Alternative energy sources will be reviewed along with their efficiencies and impacts upon the environment. Various policies and programs such as LEED certifications will be discussed. Topics such as the carbon footprint, co-generation, practical conservation approaches, and life cycle costs will be covered. This course will review the application of technologies and conservation that will promote national energy independence from foreign sources.

221 Photo Voltaics II and Renewables  
3 CREDITS  
PV-2 and Renewables is a comprehensive course covering Photo Voltaics, Wind Machines, and Solar Hot Water and Heating Systems. This three credit course will involve hands on experience with at least two renewable energy systems. There are no pre-requisites, although PV-1 would be helpful. Using the National American Board of Certified Energy Professionals (NABCEP) study guides, for each renewable discipline, the student completing this course will gain sufficient knowledge to take and pass the NABCEP entry level exams. As a certified member of this national organization, students can posture themselves to acquire employment in these fields. As part of this course, students will undertake a project to design and validate a simple net zero building using the tools and knowledge gained. This building will depend on solar energy and wind power to provide all heating, hot water, and electrical energy required to function without a connection to the utility grid. The design will be validated using and generating an EXCEL simulation to be taught as a part of this curriculum. This project will account for a significant part of the final grade.

Welding  
(WELD)

110 Oxyfuel Operations  
2 CREDITS  
This course provides the training to develop the manual skills necessary to produce high quality welds using the oxyacetylene welding, brazing, and cutting process on mild steel. Offered Spring. Lab Fee $150
118 Testing OA in Welding, Brazing, Cutting 2 CREDITS
This course provides the lab to develop the manual skills necessary to produce high quality welding using the oxyacetylene welding, brazing, and cutting processes on mild steel. Offered Spring. Lab Fee $150

130 Advanced Testing in OA Welding, Brazing, Cutting 2 CREDITS
This course provides the advanced lab to develop the manual skills necessary to produce high quality welding using the oxyacetylene welding, brazing, and cutting processes on mild steel. Offered Spring. Lab Fee $150

135 Welding Principles 2 CREDITS
This course provides the training to develop the manual skills necessary to produce high quality welds on mild steel plate using the gas metal and flux cored arc welding process in all positions. Offered Spring. Lab Fee $150

140 Methods in GMA & FCA Welding 2 CREDITS
This course provides the lab to develop the manual skills necessary to produce high quality welds on mild steel plate using the gas metal and flux cored arc welding process in all positions. Offered Spring. Lab Fee $150

145 Advanced Methods in GMA & FCA Welding 2 CREDITS
This course provides the advanced lab to develop the manual skills necessary to produce high quality welds on mild steel plate using the gas metal and flux cored arc welding process in all positions. Offered Spring. Lab Fee $150

150 Methods in GTA & PA Welding 2 CREDITS
This course provides the training to develop the manual skills necessary to produce high quality welds using the gas tungsten and plasma arc cutting process on mild steel plate in all positions. Offered Spring. Lab Fee $150

155 Blueprint Reading for Welders 3 CREDITS
This program concentrates on the understanding and use of technical blueprints. This includes basic lines, geometric construction, orthographic projection, isometric projection, oblique projection, pictorial drawings, and structural sizes. Offered Spring. Lab Fee $225

160 Advanced Methods in GTA & PA Welding 2 CREDITS
This lab provides the advanced technical training to develop manual skills necessary to produce high quality welds on mild steel plate using the gas tungsten process in all positions according to the American Welding Society Standards and the plasma cutting process. Offered Spring. Lab Fee $150

165 Blueprint Symbols for Welding 3 CREDITS
This course is a continuation of WELD 155, and introduces the American Welding Society standardized welding symbols used on blueprints. Actual prints from industry are used during this course. Prerequisite: Welding 155. Offered Fall. Lab Fee $225

170 Arc Welding Operations 2 CREDITS
This course provides the training to develop the manual skills necessary to produce high quality welds using the shielded metal arc welding process in all positions, on thin and medium thickness mild steel, using single and multi pass welds with the E60 series electrodes. Offered Fall. Lab Fee $150

173 Methods in Arc Welding Operations 4 CREDITS
This course provides the training to develop the testing skills necessary to produce high quality welds on mild steel plate in all positions using the shielded metal arc welding process according to the American Welding Society Standards. Offered Fall. Lab Fee $300

180 Shielded Metal Arc Welding 2 CREDITS
This course provides the training to develop the manual skills necessary to produce high quality welds using the shielded metal arc welding process on thin and medium thickness mild steel plates in all positions using the E70 series electrodes. Offered Fall. Lab Fee $150
183 Testing in Shielded Metal Arc Welding 4 CREDITS
This course provides the training to develop the testing skills necessary to produce high quality welds using the shielded metal arc welding process on mild steel plate in all positions with E70 series electrodes according to the American Welding Society Standards. Offered Fall. Lab Fee $300

187 Types of Non-Destructive Testing 3 CREDITS
This course studies non-destructive tests such as: magnetic particle, eddy current, visual, ultrasonic, dye penetrant, and radiographic. Offered Fall. Lab Fee $225

187 Types of Non-Destructive Testing 3 CREDITS
This course studies non-destructive tests such as: magnetic particle, eddy current, visual, ultrasonic, dye penetrant, and radiographic. Offered Fall. Lab Fee $225

220 Shielded Metal Arc Pipe Welding 3 CREDITS
This course provides the necessary training to make high quality groove welds on open root mild steel pipe in the 2G, 5G, and 6G positions using the shielded metal arc open root process. Lab Fee $325

225 Testing in Shielded Metal Arc Pipe Welding
This course provides the training to develop the testing skills necessary to produce high quality groove welds on pipe in the 2G, 5G, and 6G positions using the American Society Mechanical Engineer Standards. Lab Fee $350
Degree Plans

The following pages contain each program’s degree plan. The degree plan is a blueprint for students to use to plan their coursework at NHSC. Students should work with their advisors to make sure that they are taking the proper courses to ensure successful completion of their program of study. Students may use the degree plan from the year they began the program or chose to use a more recent version. However, it must not be older than five years old. Students also need to be aware that a course taken more than seven (7) years prior to the student’s current semester may need to be re-taken. This varies by department; the student and his/her advisor, should consult with the relevant Department Chair to determine whether the course(s) in question are still valid.
Major: Administrative Assistant (2016-17 Bulletin)
Certificate of Completion
Required Credit Hours: 42

STUDENT: _________________________  Date: _____/_____/__________
ADVISOR: ________________________

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F – Fall; SP-Spring; SU-Summer
Major: Business Administration/Management A.A. (2016-17 Bulletin)
Required Credit Hours: 66-67

STUDENT: ___________________________ Date: _____/_____/__________

ADVISOR: ___________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira
F – Fall; SP-Spring; SU-Summer
Major: Child Development Associate (2016-17 Bulletin)  
Certificate of Completion  
Required Credit Hours: 13

STUDENT: _________________________  Date: _____/_____/__________

ADVISOR: ________________________

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<td>EC 236-Positive Child Guidance</td>
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F – Fall; SP-Spring; SU-Summer
Major: Commercial Driver License Training Program (2016-17 Bulletin)  
Certificate of Completion  
Required Credit Hours: 15

STUDENT: _________________________  Date: _____/_____/__________  
ADVISOR: __________________________

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F – Fall; SP-Spring; SU-Summer
**Major: Construction Technology (2016-17 Bulletin)**

**Certificate of Completion**

Required Credit Hours: 31

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F – Fall; SP-Spring; SU-Summer
Required Credit Hours: 71

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ADVISOR: ________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikara
F – Fall; SP-Spring; SU-Summer
**Major: Elementary Education A.A. (2016-17 Bulletin)**

**Required Credit Hours:** 71

**STUDENT:** _________________________  
**Date:** ______/_____/______

**ADVISOR:** ________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira
F – Fall; SP-Spring; SU-Summer
Major: Elementary Education B.S. (2016-17 Bulletin)

Required Credit Hours: 130

STUDENT: _________________________ Date: _____/____/______

ADVISOR: ________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)

*MA 104 – Finite Math (All other students)

*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikara

F – Fall; SP-Spring; SU-Summer
**Major:** MS Math Endorsement B.S. (2016-17 Bulletin)

**Required Credit Hours:** 30

**STUDENT:** _________________________  
**Date:** _____/_____/__________

**ADVISOR:** _______________________

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**Middle School Requirements (8)**

**Middle School Math Requirements (16 cr)**

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*F – Fall; SP-Spring; SU-Summer*
Major: MS Science Endorsement B.S. (2016-17 Bulletin)
Required Credit Hours: 29

STUDENT: _________________________  Date: _____/_____/__________

ADVISOR: ________________________

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F – Fall; SP-Spring; SU-Summer
## General Education Requirements (36 cr)

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikara
F – Fall; SP-Spring; SU-Summer
Major: Environmental Science B.S. (2016-17 Bulletin)
Required Credit Hours: 121-122

STUDENT: ___________________________ Date: _____/_____/__________
ADVISOR: ___________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira
F – Fall; SP-Spring; SU-Summer
Required Credit Hours: 64
*This program is seeking approval from the Higher Learning Commission.

| STUDENT: _________________________ | Date: _____/_____/__________ |
| ADVISOR: ________________________ |

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113-Mandan Language, NAS 115-Hidatsa Language, NAS 117-Arikara Language
F – Fall; SP-Spring; SU-Summer
Required Credit Hours: 65

STUDENT: __________________________  Date: _____/_____/__________
ADVISOR: __________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira
F – Fall; SP-Spring; SU-Summer
Major: Information Management Specialist A.A.S. (2016-17 Bulletin)
Required Credit Hours: 63

STUDENT: _________________________ Date: _____/_____/__________
ADVISOR: ________________________

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*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira
F – Fall; SP-Spring; SU-Summer
# Liberal Arts A.A. (2016-17 Bulletin)

**Required Credit Hours:** 62

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## General Education Requirements (36 cr)

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113-Mandan, NAS 115-Hidatsa, NAS 117-Arikara
F – Fall; SP-Spring; SU-Summer
Major: Marketing/Entrepreneurship (2016-17 Bulletin)
Certificate of Completion
Required Credit Hours: 36

STUDENT: _________________________  Date: _____/_____/__________

ADVISOR: ________________________

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F – Fall; SP-Spring; SU-Summer
Required Credit Hours: 65

STUDENT: _________________________  Date: _____/_____/__________
ADVISOR: ________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113-Mandan, NAS 115-Hidatsa, NAS 117-Arikara
F – Fall; SP-Spring; SU-Summer
Major: Native American Studies A.A. (2016-17 Bulletin)  
Required Credit Hours: 72

STUDENT: _________________________  Date: _____/_____/__________

ADVISOR: _______________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)  
*MA 104 – Finite Math (All other students)  
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira, NAS 114-Hidatsa II, 116-Mandan II, 118-Arikira II

F – Fall; SP-Spring; SU-Summer

**Required Credit Hours: 123**

**STUDENT:** _________________________  **Date:** __/__/______

**ADVISOR:** ________________________

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*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)

*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira, NAS 114-Hidatsa II, 116-Mandan II, 118-Arikira II

F – Fall; SP-Spring; SU-Summer
Major: Pre-Engineering A.S. (2016-17 Bulletin)
Required Credit Hours: 65-72

STUDENT: _________________________  Date: _____/_____/__________

ADVISOR: ________________________

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<tr>
<td><strong>Area/Course</strong></td>
<td><strong>Courses</strong></td>
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<td>LANGUAGE ARTS</td>
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<tr>
<td>ENG 110 – Composition I</td>
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<td>ENG 120 – Composition II</td>
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<tr>
<td>COMM 110 – Fund/Pub. Speaking</td>
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<tr>
<td>HUMANITIES</td>
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<tr>
<td>NAS 201 – History of the TAT</td>
<td>3</td>
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<tr>
<td>NAS 113 or 115 or 117*</td>
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<tr>
<td>SOCIAL SCIENCES</td>
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<tr>
<td>PSY 111 – Intro. To Psych.</td>
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<tr>
<td>SOC 110 – Intro to Soc.</td>
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<td>MATH/SCIENCE/TECHNOLGY</td>
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<td>MA 103 or higher</td>
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<tr>
<td>CHEM 121-Chemistry I</td>
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<td>ENGR 115-Intro to Engr./CAD</td>
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<td>PSY 100 – Psych/Stud. Success</td>
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<td>ASMT 200</td>
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<td>WELLNESS</td>
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** These classes are taught at NDSU during the PEEC Summer Session
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikara
F – Fall; SP-Spring; SU-Summer

Students must achieve a C or better in all core classes to graduate with an A.S. degree in Pre-engineering.
Major: Science A.S. (2016-17 Bulletin)

Required Credit Hours: 68

STUDENT: _________________________ Date: _____/_____/__________

ADVISOR: ________________________

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<tr>
<th>General Education Requirements (36 cr)</th>
<th>Core Requirements (20 CR)</th>
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<td><strong>Area/Course</strong></td>
<td><strong>Courses</strong></td>
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<td>LANGUAGE ARTS</td>
<td>BIO 151 –Biology II</td>
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<td>ENG 110 – Composition I</td>
<td>CHEM 121-Chemistry I</td>
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<td>ENG 120 – Composition II</td>
<td>CHEM 122-Chemistry II</td>
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<td>GEOG 100-Earth Science</td>
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<td>PHY 105-Physical Science</td>
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<td>NAS 201 – History of the TAT</td>
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<td>NAS 113 or 115 or 117</td>
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<td>PSY 111 – Intro. To Psych.</td>
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<td>SOC 110 – Intro to Soc.</td>
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<td>(All 12 credits from same area of science)</td>
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<td>*MA 103 or higher</td>
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<tr>
<td>BIO 150-Biology I</td>
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<td>CSCI 101- Intro to Comp.</td>
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<td>Institutional Requirements</td>
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<td>ASMT 200</td>
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<td>WELLNESS</td>
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</table>

*MA 103 – College Algebra (Pre-Engineering/Mathematics/Science/4 yr. Nursing)
*MA 104 – Finite Math (All other students)
*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira
F – Fall; SP-Spring; SU-Summer
Major: Welding Technology (2016-17 Bulletin)
Certificate of Completion
Required Credit Hours: 37

STUDENT: _________________________  Date: _____/_____/__________
ADVISOR: ________________________

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<tr>
<th>AREA/COURSE</th>
<th>Credits</th>
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<tr>
<td><strong>FIRST SEMESTER</strong></td>
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<td>WELD 165-Blueprint symbols for Welding</td>
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<td>WELD 179-Arc Welding Operations</td>
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<td>WELD 173-Methods in Arc Welding</td>
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<td>WELD 180-Shielded Metal Arc Welding</td>
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<td>WELD 183-Testing in Shielded Metal Arc Welding</td>
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<td>Weld 187-Types of Non-Destructive Testing</td>
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<td><strong>SPRING SEMESTER</strong></td>
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<td>WELD 110-Oxyfuel Operations</td>
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<td>WELD 118-Testing OA in Welding, Brazing, Cutting</td>
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<td>WELD 130-Advanced Testing-OA Welding, Brazing, Cutting</td>
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<td>WELD 135-Welding Principles</td>
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<td>WELD 140-Methods in GMA &amp; FCA Welding</td>
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<td>WELD 145-Advanced Methods-GMA &amp; FCA Welding</td>
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<td>WELD 150-Methods in GTA &amp; PA Welding</td>
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<td>WELD 155-Blueprint Reading for Welders</td>
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<td>WELD 160-Advanced Methods in GTA &amp; PA Welding</td>
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</table>

Welding students may start the program either the fall or spring Semester. Regardless of when program is started.
WELD 155 is a pre-requisite for WELD 165.
F – Fall; SP-Spring; SU-Summer
Board of Directors

Patrick Packineau
Richard Mayer
Cory Spotted Bear
Don Yellow Bird
Mavis Young Bear
Thomas Mandan
Magdaline Young Bear
Administration

Baker-Demaray, Twyla – President, Ext. 8095
Ph.D., Teaching & Learning: Research Methodology, University of North Dakota
M.S., Education, University of North Dakota
B.S., Environmental Geology & Technology, University of North Dakota

Baker, Waylon – Vice President of Academic Affairs, Ext. 8073
Ph.D., Communication and Public Discourse, University of North Dakota
M.S., Communication, University of North Dakota
B.S., Communication, North Dakota State University

Crow Flies High, Rose – Business Manager, Ext. 8033

Frankenbery, Constance – Vice President of Student Services, Ext. 8015
Ed.D., Educational Leadership, Bowie State University
Instructional Technology Certification, Johns Hopkins University
M.Ed., Administration Supervision, Loyola College in Maryland
Early Childhood Certification, Bowie State University
B.S., Child Development, University of Pittsburgh

Hartman, Kerry – Academic Dean/Science Instructor, Ext. 8053
Ph.D., South Dakota State University
M.Ed., University of Illinois
B.A., University of Illinois

Mortensen, Stacey – Director of Grants and Accreditation, Ext. 8021
Doctorate of Chiropractic, University of Western States
B.S. Chemistry, University of North Dakota

Lewis, Phillip – Vice President of Support Services/Chief Financial Officer, Ext. 8028
Ph.D Candidate, North Dakota State University
Master Public Administration, University of North Dakota
B.A., Business Administration/Accounting, Mayville State University
A.A., Business Administration/Accounting, Lake Region State College

Smith, Keath – Facilities Manager, Ext. 8069
U.S. Army, Infantry Division
Welding Certificate, United Tribes Technical College

Full-Time Faculty

Abe, Thomas – Science Instructor, Ext. 8087
B.A., Chemistry, Minot State University
B.S., Medicine, University of North Dakota

Alfson, Lori – Pre-Engineering Instructor, Ext. 8025
M.A., Mathematics Education, Minot State University
B.S. Industrial Engineering & Management, North Dakota State University

Dorval, Dena – Nursing Instructor, Ext. 8083

Driver, Delvin Jr. – Native American Studies

Fox, Shannon - Art Instructor, Ext. 8030
M.F.A., University of North Dakota
B.A., University of North Dakota
Certification Business/Administration, Specialist U.S.A.F.
Vocational Education Certification, Valley City State

Goodall, Pansy - Business/Marketing Instructor, Ext 8079
Masters Business Management, University of Mary
MBA Masters Business Administration, University of Mary
A.A. Business Administration, Nueta Hidatsa Sahnish College
B.S., Business Administration, University of Mary
A.S. Science, Nueta Hidatsa Sahnish College
A.A. Native American Studies, Nueta Hidatsa Sahnish College
A.A. Liberal Arts, Nueta Hidatsa Sahnish College

Hall, Vivian – Business/Marketing Instructor, Ext. 8042

Hartman, Kerry - Science Instructor, Ext. 8053
Ph.D., South Dakota State University
M.Ed., University of Illinois
B.A., University of Illinois

Knudson, Jennifer – Nursing Instructor, Ext. 8089

Kringen, Herb – Math Instructor, Ext. 8050
M.S., North Dakota State University,
Educational Administration
B.S., Minot State, Mathematics & Physical Education

Olson, Kathy – English Instructor, Ext. 8074
M.F.A. Candidate, Creative Writing, Institute of American Indian Arts
Mellon Master’s Fellowship awarded April 2016 for M.F.A. Creative Writing – I.A.I.A.
M.S., Special Education focus in behavior disorders and learning disabilities, Minnesota State University Moorhead
B.S., English, North Dakota State University

Renner, Jonathon – Teacher Education, Ext. 8093
Ed.D., Organizational Leadership with emphasis in Instructional Leadership, Grand Canyon University
Master of Education, Cardinal Stritch University
Elementary Education with Endorsements in Middle School Mathematics, Science, & Social Studies, Carroll University

Sand-Driver, Tanya – Science Instructor, Ext. 8038

B.S., Environmental Science, Nueta Hidatsa Sahnish College

Schafer, Darryl – Social Sciences Director, Ext. 8048
Ph.D. Candidate, Addiction Psychology, Capella University
M.S., Mental Health and Human Services, Capella University
B.S., Sociology with a concentration in Human Services, South Dakota State University

Sharpfish, John – Construction Technology Instructor, Ext. 8014

Three Irons, Valerian – Native American Studies Instructor, Ext. 8023
M.A., Organizational Management, Ashford University, Clinton, IA
B.A., Social Sciences/Voc Marketing Ed, University of North Dakota
A.A.S., Marketing/Management, Nueta Hidatsa Sahnish College

Weyrauch, Candie – Early Childhood, Ext. 8070
M.S., Early Childhood Education, University of North Dakota
B.S., Elementary Education, Valley City State University

Wilkinson, Cedrick – Welding Instructor, Ext. 8017
Certificate of Welding, Bismarck State College

Young Bird, Bernadine – Education Department Instructor, Ext. 8091
M.S., Learning Disabilities, Minot State University
B.S., Elementary Education, University of Mary

Part-Time Faculty
NHSC also employs part-time adjunct faculty to teach during the academic year throughout the Reservation. The Vice President of Academics maintains a list of instructors and their academic qualifications.
Site Mentors

Hosie, Leonard - White Shield Site Mentor, 701-743-4552
Master’s Degree in Education Strategic Leadership, University of Mary
B.S. Education, North Dakota State University
A.A. Business, Nueta Hidatsa Sahnish College

Simpson, Delrene Susie – Parshall Site Mentor, 701-862-2106
A.A. Human Services, Nueta Hidatsa Sahnish College
B.A., University of Mary

Spotted Bear, Sierra – Twin Buttes Site Mentor, 701-421-1342
B.A. Psychology, University of North Dakota

White, Francis – Mandaree Site Mentor, 701-759-3545

Staff

Bearstail, Mary – Food Services Director, Ext. 8046

Coffey, Sable – Athletic Department Administrative Assistant, Ext. 8068

Cummings, Cocoa – TREND Data & Administrative Coordinator, Ext. 8040

Danks, Lisa – Accounts Payable, Ext. 8034

Delorme, Anthony – Ag/Native American Studies, Ext. 8043

Dickens, Felix – Network Computer Technician, Ext. 8024

Enno, Chris – Maintenance, Ext. 8063

Ephrim, Efua – Data Manager, Ext. 8059
M.Sc., Mathematics & Statistics, Minnesota State University – Mankato
B.S., Mathematics & Statistics, University of Cape Coast - Ghana

Goodleft, George – Maintenance, Ext. 8063

Goodleft, Winona - President’s Office Administrative Assistant, Ext. 8090

Halvorson, Valerie – Receptionist, Ext. 8072/0
B.S., Management University of Mary
Secretarial Science Certificate, Nueta Hidatsa Sahnish College

Hunte-Beaubrun, Marlo – Director Entrepreneurial Center, Ext. 8043

Kraft, Laurie – Business Office Administrative Assistant, Ext. 8032

Lewis, Jeremy – Human Resources Director, Ext. 8016
MBA, Finance, University of Mary
B.A. Accounting, Concordia College

Lewis, Wendy – Student Services Administrative Assistant, Ext. 8045

Little Whiteman, Iona - Bookstore Manager, Ext. 8051
A.S., Science, Nueta Hidatsa Sahnish College
A.S., Environmental Science, Nueta Hidatsa Sahnish College

Lockwood, Betty - Adult Basic Education Director, Ext. 8058
A.A., Nueta Hidatsa Sahnish College
B.A., University of North Dakota

Moore, Iman – Student Accounts, Ext. 8060

Olson, Tim – Financial Aid Director, Ext. 8013

Petit-Phanord, Jimmy – Maintenance, Ext. 8063

Primeaux, Dianne – Faculty Administrative Assistant, Ext. 8057

Prospere, Sidney – Payroll, Ext. 8075
Rainbow, Deanna – Student Development/Retention Counselor

Rainbow, Robert – Native American Studies Director, Ext. 8082

Sanchez, Andy – Maintenance Supervisor, Ext. 8063

Solis, Amy – Director of Learning & Library Services, Ext. 8055

Sun, Henry – Technology, Ext. 8084

Titus, Garrett – Adult Education, Ext. 8096
M.S., Education Administration, University of Mary
B.S., Health Physical Education & Recreation, Minot State University

Veerayah, Sharon – Database Administrator

Weaver, Kassandra – Academic Administrative Assistant, Ext. 8067

Weaver, Mike – Property/Procurement

White Plume, Jessica – Land Grant Director, 701-421-0420

Wilkie, Jennifer – Admissions, Ext. 8049

Wolf, Clinton – Athletic/Housing Director, Ext. 8071

Young Bird, James – Custodian, Ext. 8063

Zeltinger, Jacquelyn – Financial Aid Assistant, Ext. 8045