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**NUETA HIDATSA SAHNISH COLLEGE**

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MANDAN HIDATSA ARIKARA NATION

**Major: Pre-Engineering A.S. (2016-17 Bulletin)**

**Required Credit Hours: 65-72**

STUDENT: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

ADVISOR: \_\_\_\_\_

General Education Requirements (37 cr)				Core Requirements (28-35 cr)			
Area/Course	CR	Term	Grade	Courses	CR	Term	Grade
<b>LANGUAGE ARTS</b>	<b>9</b>			<b>Engr. Electives (choose min. 4)</b>	<b>CR</b>	<b>Term</b>	<b>Grade</b>
ENG 110 – Composition I	3			ENGR 201-Statics	3		
ENG 120 – Composition II	3			ENGR 202-Dynamics	3		
COMM 110 – Fund/Pub. Speaking	3			ME 223-Mechanics of Materials	4		
<b>HUMANITIES</b>	<b>6</b>			CE 204-Surveying**	4		
NAS 201 – History of the TAT	3			EE 206-Circuit Analysis I**	4		
NAS 113 or 115 or 117*	3			ME 350-Therodynamics**	3		
<b>SOCIAL SCIENCES</b>	<b>6</b>			ENGR 297-Engineering Internship	3		
PSY 111 – Intro. To Psych.	3			<b>Math Electives (choose min. 4)</b>	<b>CR</b>	<b>Term</b>	<b>Grade</b>
SOC 110 – Intro to Soc.	3			MA 129-Basic Linear Algebra	2		
<b>MATH/SCIENCE/TECHNOLOGY</b>	<b>12</b>			MA 105/107-Trigonometry/Pre-Calc	2/4		
MA 103 or higher	4			MA 165-Calculus I	4		
CHEM 121-Chemistry I	4			MA 166-Calculus II	4		
ENGR 115-Intro to Engr./CAD	4			MA 265-Calculus III	4		
<b>Institutional Requirements</b>	<b>2</b>			MA 262-Intro to Differential Eq.	3		
PSY 100 – Psych/Stud. Success	1			<b>Science Electives (choose 1)</b>	<b>CR</b>	<b>Term</b>	<b>Grade</b>
ASMT 200	1			PHYS 251-University Physics I	4		
<b>WELLNESS</b>	<b>2</b>			CHEM 122-Chemistry II	4		
				PHYS 252-University Physics II	4		

\*\* These classes are taught at NDSU during the PEEC Summer Session

\*NAS 113- Hidatsa, NAS 115- Mandan, NAS 117-Arikira

**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.**