

## Process Plant Technology

<b>Semester 1</b>	<b>Tech Credits</b>	<b>Con</b>
ENRT 101 Introduction to Energy Technology	4	
ENRT 105 Safety, Health & Environmental Practices	3	
ENRT 107 Mechanical Fundamentals	2	
ENRT 110 Plant Equipment & Systems	4	
Total - 1st semester	13	
<b>Semester II</b>		
ENRT 112 Print Reading	3	
ENRT 103 Applied Math	3	
ENRT 104 Electrical Fundamentals	3	
ENRT 116 Instrumentation & Control	4	
Total - 2nd semester	13	
<b>Semester III</b>		
ENRT 118 Heat Transfer, Fluid Flow & Thermodynamics	3	
ENRT 120 Water Purification & Treatment	3	
ENRT 205 Steam Generation	3	
ENRT 215 Operations, Troubleshooting & Communications	3	
Total - 3rd semester	12	
<b>Semester IV</b>		
PROP 235 Hydrocarbon Chemistry	3	
PROP 237 Distillation & Refinery Operations	4	
PROP 239 Gas Processing	3	
PROP 244 Ethanol & Biofuels Production	3	
ENRT 220 Practical Applications	2	
Total - 4th semester	15	
In addition to the courses shown above, 15 general education credits are required for the AAS degree. They may be taken prior to, in conjunction with or after the completion of the technical credits. Those 15 credits must come from the three categories shown here, in the credit amounts shown.		
Communications	6	
Arts & Humanities/Social & Behavioral Sciences	3	
Business/Math/Science/Technology	6	

## General Education Online Classes

Classes listed below are offered online and in the campus classroom. Additional campus general education classes are offered to satisfy the General Education Requirement. To view the complete list <a href="#">AAS General Education</a>		
<b>COMMUNICATIONS - 6 credits required</b>	<b>Credits</b>	<b>Comple</b>
<b>English</b>		
ENGL 110 College Composition ( <b>Required</b> )	3	

Choose one of the three classes below		
ENGL 120 College Composition II (ENGL 110 prerequisite)	3	
ENGL 125 Intro to Professional Writing (ENGL 110 prerequisite)	3	
<b>Communications</b>		
COMM 110 Fundamentals of Public Speaking (Speech)	3	
<b>ARTS &amp; HUMANITIES/SOCIAL &amp; BEHAVIORAL SCIENCES - 3 credits required</b>	<b>Credits</b>	<b>Completed</b>
<b>Art</b>		
ART 110 Introduction to Visual Arts	3	
<b>English</b>		
ENGL 233 Fantasy and Science Fiction	3	
ENGL 236 Woman and Literature	3	
ENGL 278 Alternative Literature	3	
ENGL 279 World Autobiography	3	
<b>History</b>		
HIST 102 Western Civilization	3	
HIST 103 United States to 1877	3	
HIST 104 United States Since 1877	3	
HIST 220 North Dakota History	3	
<b>Humanities</b>		
HUMS 210 Integ Cultural Studies	3	
HUMS 211 Integ Cultural Excursion	3	
<b>Music</b>		
MUSC 100 Music Appreciation	3	
<b>Philosophy</b>		
PHIL 101 Intro to Philosophy	3	
PHIL 210 Ethics	3	
<b>Spanish</b>		
SPAN 101 First Year Spanish 1	4	
SPAN 102 First Year Spanish II	4	
<b>Theatre</b>		
THEA 110 Intro to Theatre Arts	3	
<b>Criminal Justice</b>		
CJ 201 Intro to Criminal Justice	3	
<b>Economics</b>		
ECON 201 Prin of Microeconomics	3	
ECON 202 Prin of Macroeconomics	3	
<b>Political Science</b>		
POLS 115 American Government	3	
POLS 116 State and Local Government	3	
<b>Psychology</b>		
PSYC 111 Intro to Psychology	3	
PSYC 250 Developmental Psychology	3	
PSYC 270 Abnormal Psychology	3	
<b>Sociology</b>		
SOC 110 Intro to Sociology	3	
SOC 115 Social Problems	3	
SOC 220 Family	3	

SOC 221 Minority Relations	3	
SOC 235 Cultural Diversity	3	
SOC 251 Gerontology	3	
SOC 252 Criminology	3	
SOC 275 American Indian Studies	3	
<b>Social Work</b>		
SWK 256 Development of Social Welfare	3	
<b>BUSINESS/MATH/SCIENCE/TECHNOLOGY - 6 credits are required from two areas of study</b>	<b>Credit s</b>	<b>Comple</b>
<b><i>For example, enroll in a BIOL course and a MATH course, but not two BIOL courses or two MATH courses.</i></b>		
<b>Accounting</b>		
* ACCT 200 Elements of Accounting I	3	
* ACCT 201 Elements of Accounting II	3	
<b>Biology</b>		
BIOL 111 Concepts of Biology with lab	3/1	
Environmental Science	3	
<b>Business/Business Administration</b>		
* BUSN 120 Fundamentals of Business	3	
* BADM 202 Principles of Management	3	
* BADM 240 Sales	3	
* BADM 281 Organizational Behavior	3	
* BADM 282 Human Resource Management	3	
<b>Chemistry</b>		
Intro to Chemistry with lab	4/1	
Intro to Org and Biochem with lab	4/1	
<b>Computer Science</b>		
CSCI 101 Introduction to Computers	3	
CSCI 122 Beginning/Visual Basic	3	
CSCI 160 Computer Science 1	4	
<b>Geography</b>		
GEOG 121 Physical Geography with lab	3/1	
<b>Math</b>		
* Math 137 Applied Algebra	3	
Math 103 College Algebra	4	
Math 210 Elementary Statistics	3	
<b>Nutrition</b>		
* NUTR 240 Principles of Nutrition	3	
<b>Geographic Information Systems</b>		
GIS 105 Fundamentals of Geographic Information Systems	3	
GIS 107 GIS Applications	3	

\* Course not GERTA

General Education Requirements Transfer Agreement

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Contact us:

1-800-852-5685 or 701-224-5651