

# PROCESS TECHNOLOGY

New enrollments into this program are restricted as of Summer 2025. Please contact an academic advisor about alternative options.

## Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

## Summary

Prescribed Program	56
General Education	15
Digital Literacy	
<b>Total Credits</b>	<b>71</b>

## Degree Plan

### Prescribed Program

ENRT 101	Introduction to Energy Technology	3
ENRT 105	Safety, Health and Environment	3
ENRT 107	Mechanical Fundamentals	3
ENRT 110	Plant Equipment and Systems	4
ENRT 112	Print Reading	4
ENRT 104	Electrical Fundamentals	3
ENRT 116	Instrumentation and Control	4
ENRT 224	Automation and Control	3
ENRT 118	Heat Transfer, Fluid Flow & Thermodynamics	3
ENRT 120	Water Purification and Treatment	4
ENRT 205	Steam Generation	3
ENRT 215	Operations, Troubleshooting & Communications	4
PROP 235	Hydrocarbon Chemistry	3
PROP 237	Distillation and Refinery Operations	4
PROP 239	Gas Processing and Carbon Capture	3
PROP 244	Ethanol and Biofuels Production	3
ENRT 220	Practical Applications	2
<b>Total Credits</b>		<b>56</b>

### General Education

#### Written or Oral Communications

ENGL 110	College Composition I	3
Select one of the following:		3
COMM 110	Fundamentals of Public Speaking	
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
<b>Credits Subtotal</b>		<b>6</b>

#### Arts & Humanities/Social & Behavioral Sciences

Select one of the following recommended courses:		3
HIST 103	United States to 1877	
ECON 201	Principles of Microeconomics	

PSYC 111	Introduction to Psychology	
SOC 110	Introduction to Sociology	
<b>Credits Subtotal</b>		<b>3</b>

### **Business, Math, Science, & Technology (Two Areas of Study)**

Select one of the following recommended courses: 3

CSCI 101	Introduction to Computers	
CIS 147	Principles of Information Security	

Select one of the following recommended courses: 3

MATH 137	Applied Algebra	
MATH 210	Elementary Statistics	

**Credits Subtotal** **6**

**General Education Total Credits** **15**

### **Digital Literacy**

Select one of the following:

ENGL 110	College Composition I	
NDUS Institution Approved Training Course		
NDUS Institution Designated Digital Literacy Course		