

POWER GENERATION 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	
Total Credits	71

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
PWRP 207	Boilers & Environmental Protection	3
ENRT 221	Applied Electronics	3
PWRP 210	Turbines and Combined Cycle	3
PWRP 224	Power Generation Components and Protection	4
ENRT 220	Practical Applications	2
Total Credits		56

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	
Credits Subtotal		6

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	
Credits Subtotal		3

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		