

NUCLEAR POWER TECHNOLOGY (OPERATIONS)

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

Program Certificate Checklist

- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Total Credits 52

Degree Plan

Prescribed Program

NUPT 101	Overview of Nuclear Energy	2
NUPT 103	Nuclear Mathematical Fundamentals	3
NUPT 105	Classical Physics	4
NUPT 107	Engineering Drawings, Diagrams and Schematics	3
NUPT 113	Mechanical Science	3
NUPT 215	Nuclear Plant Chemistry	3
NUPT 109	Electrical Science	4
NUPT 213	Nuclear Physics	3
NUPT 217	Heat Transfer, Fluid Flow and Thermodynamics	4
NUPT 111	Instrumentation and Control	4
NUPT 221	Science of Radiological Protection	3
NUPT 219	Material Science	3
NUPT 220	Reactor Theory	2
NUPT 225	Nuclear Plant System Component Design and Function	4
NUPT 223	Reactor Safety Design	3
NUPT 227	Conduct of Facility Operations	4
Total Credits		52