

NUCLEAR POWER TECHNOLOGY (INSTRUMENTATION & CONTROL) - ON DEMAND

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 **57**

Degree Plan

Prescribed Program

NUPT 219	Material Science	3
NUPT 103	Nuclear Mathematical Fundamentals	3
NUPT 105	Classical Physics	4
NUPT 221	Science of Radiological Protection	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
ICTL 215	Instrumentation Drawings and Documents	4
ICTL 225	Input and Output Devices	4
ICTL 235	Motors and Controllers	4
NUPT 225	Nuclear Plant System Component Design and Function	4
NUPT 223	Reactor Safety Design	3
NUPT 229	Instrumentation & Control II	4
Total Credits		57