



Academic Map
Nuclear Power Technology – Associate of Applied Science
TRACK C: Instrumentation & Control Specialty
 (CIP 41.0205)

For timely completion of degree requirements, students must follow the guidelines below. Contact the Program Director for the most up-to-date course schedules.

Students who plan to pursue this degree path may not register for Academic or Technical Courses offered outside of stated degree requirements.

Courses	
College Readiness Courses (if needed)	
Semester I	Hours
NUCP 1371 Math and Chemistry Fundamentals for Nuclear Power	3
ENGL 1301 Composition I	3
ENER 1350 Overview of Energy Industry or PTAC 1302 Introduction to Process Technology	3
MATH 1314 College Algebra or MATH 2312 Pre-Calculus Math	3
Semester II	
NUCP 1370 Nuclear Fundamentals I	3
NUCP 1373 Nuclear Fundamentals II	3
PTAC 1432 Process Instrumentation I	4
NUCP 1372 Nuclear Power Plant Organization and Processes	3
CHEM 1405 Introductory Chemistry I or CHEM 1411 General Chemistry I	4
Semester III	
CETT 1409 DC-AC Circuits	4
INTC 1350 Digital Measurement and Controls	3
PTAC 2314 Principles of Quality	3
PTAC 2436 Process Instrumentation II	4
Social & Behavioral Science on the AAS General Education Course List	3
Semester IV	
INTC 1457 AC/DC Motor Control	4
ELMT 2452 Power Generation Instrumentation (Capstone Course)	4
SPCH 1315 Public Speaking	3
Language, Philosophy, & Culture or Creative Arts on the AAS General Education Course List	3
60 Semester Credit Hours	

Choose. Connect. Complete.