SCHOOL OF
ENGINEERING & CONSTRUCTION TECHNOLOGIES
OSU Institute of Technology

POWER PLANT TECHNOLOGY

Associate in Applied Science
77 Credit Hours
Fall Start Only

First Semester (16 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	SEPP 1113 Introduction to Electrical/Electronics	3		ORIE 1011 College Strategies	1	
	SEPP 1123 Introduction to Power Plants	3		MATH 1513 Pre-Calculus ⊕	3	
	SEPP 1133 Piping & Instrument Diagrams	3				
	SEPP 1233 Power Plant Computer Applications	3		COWBOY UP! New Student Orientation	0	

Second Semester (15 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	SEPP 1223 Electrical Motors & Controls	3		ENGL 1033 Technical Writing I ★⊕ **OR** ENGL 1113 Freshman Composition I ⊕	3	
	SEPP 2553 Safety Competency & Qualifications	3				
	SEPP 2423 Mechanical Systems Prerequisite: SEPP 1133	3				
	SEPP 2523 Water Systems & Processes	3				

Third Semester (12 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	SEPP 1312 Internship Prerequisites: Completion of all previous program requirements and a 2.0 GPA or higher	12				

Fourth Semester (19 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	SEPP 2413 Compliance Regulations Prerequisite: SEPP 1133	3		POLS 1113 US Government	3	
	SEPP 2503 Balance of Plant	3		Approved Laboratory Science Elective Consult with advisor for an approved list of electives.	4	
	SEPP 2543 Plant Chemicals & Water Quality	3				
	SEPP 2403 Plant Operations	3				

Fifth Semester (15 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	SEPP 2443 Boilers & Prime Movers	3		HIST 1483 US History to 1865 **OR** HIST 1493 US History since 1865	3	
	SEPP 2623 Advanced Plant Operations	3		SPCH 1113 Intro to Speech Communications ★ **OR** SPCH 2313 Small Group Communications	3	
	SEPP 2633 Power Plant Capstone	3				

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class ★ Recommended ⊕ Corequisite strategies course available. See advisor for details.

For information about OSUIT degrees & majors and how to contact a Student Success & Career Advisor, visit www.osuit.edu.

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