

POWER PLANT TECHNOLOGY

Faculty

Burnett, Goodwin

Associate of Applied Science Degree Power Plant Technology

This program provides a course of study and experience that will enhance the ability of the Power Plant Technology students to provide quality energy services of a superior value in a safe and environmentally responsible nature. Students will be trained as power plant operators, a career that is not only in high demand, but is financially rewarding.

(Recommended Curriculum)

General Education (Minimum 17 credits) Credits
General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation (One course minimum)
 - Science
 - Mathematics
 - MATH 1000 Problem Solving 3
2. Communication (One course minimum)
 - Written or spoken communication
3. Relationship with the World (One course minimum)
 - Human behavior
 - U.S. and Wyoming constitutions 1-3
 - Cultural environment
4. General Education Electives
 - Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements

DESL 1850 Basic Hydraulics	3
ELTR 1535 Electrical Power	3
ELTR 1570 Electric Circuits	4
ELTR 1620 Electrical Concepts Lab	1.5
ENVT 1600 Industrial Safety	4
HLTK 1620 American Heart Association Heart Saver First Aid, CPR and AED33
MCHT 1610 Machine Tool Technology I	2
POWR 1500 Power Plant Orientation	3
POWR 1565 Power Plant Water Treatment	3
POWR 1600 Power Plant Supply and Control I	3
POWR 1980 Cooperative Work Experience	8
POWR 2600 Power Plant Supply and Control II	3
WELD 1700 General Welding	2.5
Approved Electives	9

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Power Plant Technology Certificate

(Recommended Curriculum • Certificate Requirements)

	Credits
DESL 1850 Basic Hydraulics	3
ELTR 1535 Electrical Power	3
ELTR 1570 Electric Circuits	4
ELTR 1620 Electrical Concepts Lab	1.5
ENVT 1600 Industrial Safety	4
HLTK 1620 American Heart Association Heart Saver First Aid, CPR and AED33
POWR 1500 Power Plant Orientation	3
POWR 1565 Power Plant Water Treatment	3
POWR 1600 Power Plant Supply and Control I	3
POWR 1980 Cooperative Work Experience	8
POWR 2600 Power Plant Supply and Control II	3

For specific graduation requirements see "Academic Policies" and "Degree Requirements."

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF ARTS, ASSOCIATE OF SCIENCE, ASSOCIATE OF BUSINESS, ASSOCIATE OF FINE ARTS AND ASSOCIATE OF APPLIED SCIENCE DEGREES.