

EXTRACTIVE RESOURCES TECHNOLOGY

Faculty

Kreckel

The extractive resources technology program is designed to provide the student with the knowledge and skills required for employment in the petroleum and natural gas industries. The program gives the students a broad range of skills that are essential for technicians who want to work in the petroleum and natural gas service, production, transportation, and refining industries. Students can receive a two-year associate of applied science degree or a one-year certificate in the area of extractive resources technology.

Associate of Applied Science Degree Extractive Resources Technology

(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
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	1515	Basic AC/DC Electronics.....	2
ELTR	1535	Electrical Power.....	2
ELTR	1605	Process Control.....	3
ELTR	2815	Programmable Logic Control.....	4
ENVT	1600	Industrial Safety.....	3
EXTR	1500	Geology of Extractive Resources.....	3
EXTR	1510	Fundamentals of Petroleum.....	3
EXTR	2510	Introduction to Well Drilling.....	3.5
EXTR	2520	Introduction to Well Logging.....	3
EXTR	2530	Oil and Gas Production.....	3.5
EXTR	2540	Petroleum Refining.....	3
GEOG	1080	Introduction to GPS and Maps.....	3
GEOL	2320	Petroleum Geology.....	3
HLTK	1620	Heart Saver First Aid, CPR/AED.....	3.33
		Approved electives.....	3

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

Extractive Resources Technology Certificate

(Certificate Requirements)

General Education		Credits	
DESL	1850	Basic Hydraulics.....	3
ELTR	1515	Basic AC/DC Electronics.....	2
ELTR	1535	Electrical Power.....	2
ELTR	1605	Process Control.....	3
ELTR	2815	Programmable Logic Control.....	4
ENVT	1600	Industrial Safety.....	3
EXTR	1500	Geology of Extractive Resources.....	3
EXTR	1510	Fundamentals of Petroleum.....	3
GEOG	1080	Introduction to GPS and Maps.....	3
		*Approved electives.....	7

* Approved electives in extractive resources, electronics, or related areas.

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