

INDUSTRIAL ELECTRICITY



Please feel free to direct any questions you might have about the program to one of the instructors listed below. In the off months (May through August) please contact our admissions office.

Gillette College

307.686.0254

888.544.5538

Instructor Ray Destefano: ext. 1310

Instructor Tom Shepherd: ext. 1311

Admissions Office: ext. 1000

GC's Industrial Electricity Program

- » Gillette College Industrial Electricity Students learn theory through hands-on learning including labs, demonstrations, projects, and work-coop.
- » Students use outstanding lab and shop equipment in a state-of-the-art technical training center.
- » Students learn from experienced instructors with broad backgrounds in industry.
- » Students gain knowledge and skills needed to enter the workforce in a high-demand and well-paid technical field.

Gillette College Fact:

99% of Gillette College Tech Graduates find employment before or soon after graduating.



Read about Gillette College students
at: www.gillettecollege.org

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COURSE OF STUDY FOR CERTIFICATE OF COMPLETION

Fall Semester		Credit Hours	Spring Semester		Credit Hours
ELTR	1515-Electrical Skills and Practices	3	ELTR	1800-National Electrical Code II / CFR 30	3
ELTR	1600-National Electrical Code I	3	ELTR	2560-Power Electronics Theory	3
ELTR	2550-AC/DC Electric Circuit Theory	6	ELTR	2580-Motors and Generators, & Transformers	4
MATH	Basic Math Requirement (MATH 1500 or higher)	3	ELTR	2815-Programmable Logic Controllers.....	3
MINE	1840-New Miner Training	1.5	ELTR	2840- Industrial Controls I	4
	-OR-				
SAFE	1510-Fundamental Occupational Health & Safety ...	3			
Total Credit Hours		16.5-18	Total Credit Hours		17
			Total Certificate Credit Hours		
			33.5-35		

COURSE OF STUDY FOR ASSOCIATE OF APPLIED SCIENCE DEGREE

FRESHMAN YEAR

Fall Semester		Credit Hours
ELTR	1515-Electrical Skills and Practices	3
ELTR	1600-National Electrical Code I	3
ELTR	2550-AC/DC Electric Circuit Theory	6
MATH	Basic Math Requirement (MATH 1500 or higher)	3
MINE	1840-New Miner Training	1.5
	-OR-	
SAFE	Any SAFE course	2
Total Credit Hours		16.5-17

Spring Semester		Credit Hours
ELTR	1800-National Electrical Code II / CFR 30	3
ELTR	2560-Power Electronics Theory	3
ELTR	2580-Motors and Generators, & Transformers	4
ELTR	2815-Programmable Logic Controllers.....	3
ELTR	2840- Industrial Controls I	4
Total Credit Hours		17

Summer Semester		Credit Hours
Program Electives (Technical Co-Op)		8
US & WY Constitutions Requirement.....		3
Total Credit Hours		11

SOPHOMORE YEAR

Fall Semester		Credit Hours
ELTR	2880-Solid State Motor Control (Industrial Controls II)	3
ELTR	2935-High Voltage Systems	3
ENGL	1010-English I	3
Program Electives		6.5
Total Credit Hours		15.5

Total Degree Credit Hours.....60-60.5

Program Electives:

Not more than eight credits from any one of the following: TECH 2980 Technical Co-op, any course with prefix: CMAP, COSC, CNTK, DESL, ELAP, ELTR, ENTK, ES, HVAC, INDM, MATH, MCHT, MINE, PHYS, WELD.

General Electives: Up to three elective credits (total) may be any college level course (any prefix).