

CENTRAL

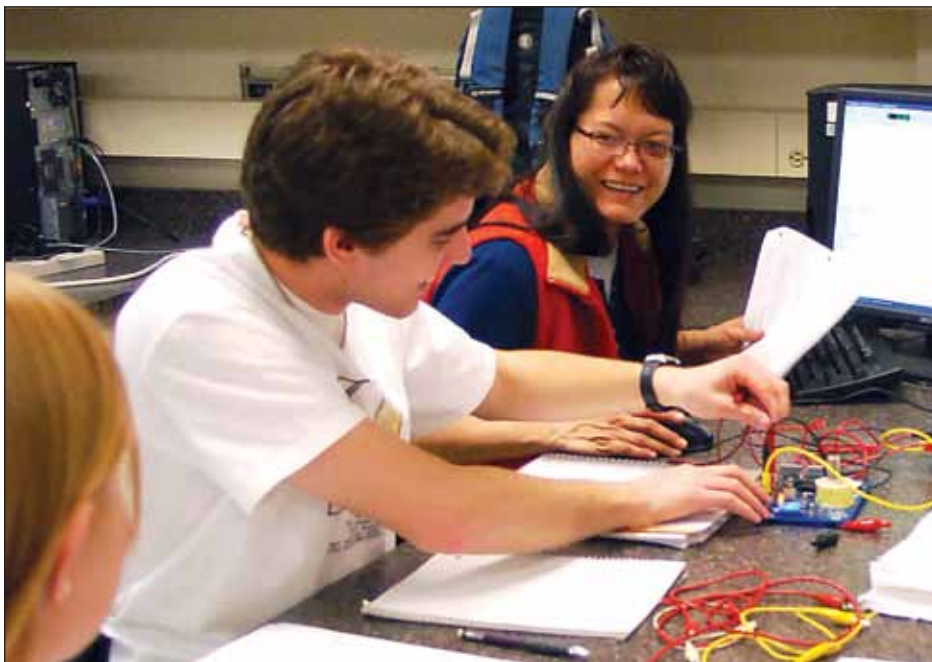
programs



Associate of Science Degree

Pre-Engineering

Do you want a high paying career? Did you know that eight of the top ten starting salaries for college graduates are in engineering and pay average starting salaries from \$57,231 to \$86,220? A Pre-Engineering degree from Central Wyoming can prepare you for transfer to Engineering Bachelor degree programs with junior level status. Scholarships for Pre-Engineering studies at CWC are available. ● ● ● ● ▶



CAREER OPTIONS:

Career opportunities are bright for civil engineers, fuel cell engineers, nanosystems engineers, robotics engineers, plus green jobs as aerospace engineers, construction and building inspectors, nuclear and chemical engineers, environmental engineering technicians, industrial and mechanical engineering technologists, computer systems engineers, plus many more opportunities for great careers.

Check out occupations and wages online:

<http://onetcenter.org>



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Central Wyoming College's Pre-Engineering program allows the student interested in pursuing any of the fields of engineering, civil, mechanical, electrical, environmental, chemical or geotechnical, to gain the basic skills of engineering while allowing some degree of specialization. This degree is designed for transfer to the University of Wyoming or other four-year institutions granting degrees in specific areas of engineering.

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000)	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1



Program Requirements

CHEM 1020	General Chemistry I (LSCI)	4
ES 1000	Introduction to Engineering	1
MATH 1400	College Algebra (MATH)	4
MATH 1405	Trigonometry	3
MATH 2200	Calculus I	5
MATH 2205	Calculus II	5
PHYS 1310	College Physics I (LSCI)	4
PHYS 1320	College Physics II	4

Program Electives

Student must choose 7 credits from the following courses:

CHEM 1030	General Chemistry II	4
COSC 1000	Computer Programming I:	3
IMGT 2400	Intro Information Management	3
EHS 1500	Construction and General Industry Safety	3
EHS 1520	Hazardous Waste Oper & Emergency Response	3
ES 2110	Statics	3
GEOL 1100	Physical Geology	4
MATH 2210	Calculus III	5
	Total	64

Transfer Information

CWC has an articulation agreement with the University of Wyoming for transfer. Students who transfer to UW with the Associate of Science (AS) degree and have a minimum of two three (3) credit college level math courses will be deemed to have met UW's lower division general education requirements.

Students planning to transfer to another four-year college or university are advised to obtain a catalog from the institution to which they wish to transfer. Using Central Wyoming College's catalog, along with the four-year institution's catalog and advisement information, the student will be able to make appropriate decisions for maximum transferability of his or her courses.