



## CENTRAL WASHINGTON UNIVERSITY

### INDUSTRIAL ENGINEERING TECHNOLOGY

The curricula of the department falls into three categories: Engineering Technology, Industrial Technology and Industrial Education.

#### **General Departmental Information**

Engineering technology is a baccalaureate degree program. It is that part of the technological field which requires the application of scientific and engineering knowledge and methods combined with technical skills in support of engineering activities; it lies in the occupational spectrum between the craftsman and the engineer but closest to the engineer.

Industrial technology is a baccalaureate degree program designed to prepare individuals for technical managerial, production supervisory, and related types of professional leadership positions. The curriculum, even though built on technical education, has a balanced program of studies drawn from a variety of disciplines relating to industry. Students develop a sound knowledge and understanding of materials and manufacturing processes, principles of distribution, and concepts of industrial management and human relations. They also gain experience in communication skills, humanities, and social sciences, and a proficiency level in the physical sciences, mathematics, design, and technical skills to permit the graduate to capably cope with typical technical managerial and production problems.

Technology Education curriculum leads to the degree of bachelor of science for one of the following: technology education teachers at junior and senior high school levels; or individuals who are, or plan to become, teachers in either a community college or other trade and industrial or technical programs and who, in addition to state requirements, need or desire a college degree.

\*All Technology Education students must now be vocationally certified, which requires additional coursework. See Technology Education coordinator.

#### **Degrees Offered**

##### Construction Management

##### Industrial Technology

- Industrial Distribution Option

- Industrial Electronics Option
- Power Option
- Cast Metals Option
- Metal Fabrication Option
- Production Wood Option

##### Electronic Engineering Technology Major

##### Mechanical Engineering Technology Major

- Mechanical/Manufacturing Options

##### Vocational-Technical Trade and Industrial Major

Qualifies for teaching only very specialized vocational programs in the high school and Community/Technical College.

##### Industrial Education Major - Broad Area

Qualifies for teaching secondary industrial arts and technology education.

##### Electronics - Computer Hardware Minor

#### **For further information, Contact:**

Industrial and Engineering Technology  
Central Washington University  
400 E. 8th Avenue  
Ellensburg, WA 98926-7584  
FAX (509) 963-1795  
Website: <http://www.cwu.edu/~iet/deptInfo.html>

##### Electrical Engineering Technology

##### CWU Pierce County Center

Mailing: 9401 Farwest Dr. S.W.  
Tacoma, WA 98498-1999  
Location: Pierce College Bldg. P10  
9401 Farwest Dr. SW  
(206) 964-6636  
FAX (253) 964-5764

CWU official online catalog:

<http://www.cwu.edu/catalogs.html>

Admissions and Transfer Requirements:

<http://www.cwu.edu/~cwuadmis/>

CWU Office of Admissions

**(866) CWU-4YOU (298-4968)**

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