

# Bachelor of Applied Science Industrial Technology

CWU-Des Moines  
*A University in Your Community*

## Program Overview

The Bachelor of Applied Science in Industrial Technology allows persons who have worked in industry for a period of time to enhance their career potential by utilizing their community college education and on-the-job experience to earn a baccalaureate degree after taking upper-division coursework. The goal of the program is to provide students with technical skills and knowledge to function as professionals within the industrial environment.

## Admissions

Application for Admission to Central Washington University is available on our website at [www.applyweb.com/aw?cwu](http://www.applyweb.com/aw?cwu). Arrange to have official transcripts either electronically sent or mailed to Ellensburg.

## Requirements

Prior to being admitted the student entering the Bachelor of Applied Science Industrial Technology program will have:

- ✓ an appropriate and approved associate degree as issued by a Washington state community college;
- ✓ taken at least 20 credits of general education basic skills courses;
- ✓ completed prerequisites for the program;
- ✓ taken course equivalencies to IET 160, BUS 221, and EET 221/EET 221Lab;
- ✓ completed 2000 hours of recent, documented work experience in an industrial technology related job and approved by the department chair.

## Curriculum

Prerequisites		Credits
CHEM 111	Introduction to Chemistry .....	4
CHEM 111L	Introductory Chemistry Laboratory .....	1
IT 101	Computer Applications .....	3
MATH 153	Pre-Calculus Mathematics I .....	5
PHYS 111	Introductory Physics .....	4
PHYS 111L	Introductory Physics Laboratory .....	1
Required Courses		
ADMG 385	Business Communications and Report Writing .....	5
BUS 221	Introductory Business Statistics .....	5
EET 221	Basic Electricity .....	3
EET 221L	Basic Electricity Laboratory .....	1
IET 160	Computer Aided Design and Drafting .....	4
IET 301	Engineering Project Cost Analysis .....	4
IET 380	Quality Control .....	5
IET 385	Industrial Design .....	3
IET 411	Mechanical Power Transmission .....	4
MET 345	Production Technology .....	4
MET 351	Metallurgy/Materials and Processes .....	4
MET 388	Tool Design .....	4
SHM 325	Manufacturing Safety .....	3
Department Approved Electives .....		12
EET 312	Basic Electronics (4)	
EET 332	Electrical Power and Machinery (4)	
IET 386	Materials Characterization (4)	
MET 310	Hydraulics/Pneumatics (4)	
MET 382	Plastics and Composites (4)	
MET 483	Ceramics and Composites (4)	
Total Credits .....		61

## Contact

CWU-Des Moines  
 2400 S 240th Street  
 PO Box 13490  
 Des Moines, WA 98198  
 206-439-3800  
[www.cwu.edu/desmoines](http://www.cwu.edu/desmoines)



**CENTRAL WASHINGTON UNIVERSITY**

*Your future is Central.*

CWU is an AA/EEO/Title IX Institution • TDD (509) 963-2143