

Major Academic Plan (MAP)

Associate in Arts and Science

BS in Technology with Construction Management Option

Department of Engineering and Design

College of Science, Technology, Engineering, and Mathematics (CSTEM)

Why study Construction Management?

The construction management option focuses on selected areas of construction technology, such as: construction materials and techniques, construction estimating, soils and surveying, building codes, and architecture. This concentration prepares graduates to enter and progress in supervisory or management positions in the construction industry. Initial employment may be as an estimator, laboratory technician in materials testing, construction inspector or field engineer.

CSTEM Coordinator:

Christy Oliveri
307 Monroe
509.359.4126
coliveri@ewu.edu

Career Opportunities

Students graduating from this program can successfully enter careers in a broad range of fields as construction management, applications technicians, quality technicians, as well as research technicians and technical sales and service. Companies that have hired students completing the program options include Kimball, Garco Construction, Graham Construction, Hollister-Stier Laboratories, Leone & Keeble, Lydig, and others.

Sample Careers

Project Manager
Estimator
Construction Supervisor

Program Advisor

Terry Geyer
319B Computing & Engineering Building
Cheney, WA 99004
509.359.4774
tgeyer@ewu.edu



EASTERN WASHINGTON UNIVERSITY

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AA-DTA Degree Requirements with Suggested Classes that Fulfill EWU Prerequisites/Requirements

PIERCE COLLEGE COURSES	E.W.U. COURSE EQUIVALENT
COMMUNICATION SKILLS (10 credits)	
ENGL& 101 English Composition I (5)	ENGL 101 College Composition: Exposition and Argument (5)
ENGL& 102 English Composition II (5)	ENGL 201 College Composition: Analysis, Research, Document (5)
QUANTITATIVE SKILLS (5 credits)	
MATH& 141 Pre Calculus I (5)	MATH 141 Pre Calculus I (5)
HUMANITIES (15 credits)	
Consult your advisor for course options.	
HUMANITIES PERFORMANCE/SKILLS (5 credits Maximum)	
Consult your advisor for course options.	
SOCIAL SCIENCES (15 credits)	
Consult your advisor for course options.	
NATURAL SCIENCES (15 credits)	
MATH& 142 Pre Calculus II (5)	MATH 142 Pre Calculus II (5)
CHEM& 110 Chemical Concepts w/ Lab (5) or CHEM& 161 General Chemistry w/Lab I (5)	CHEM 121 Chemistry and Its Role in Society (5) or CHEM 151 General Chemistry (5)
PHYS& 114 General Physics I (5)	PHYS 131 Intro to Physics I (4) and PHYS 161 Mechanics Lab (1)
GENERAL TRANSFERABLE ELECTIVES (15 credits)	
Consult your advisor for course options.	
GENERAL ELECTIVES (15 credits)	
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The courses listed below transfer to satisfy EWU Graduation Requirements and can be taken before or during the major program

Cultural Diversity (4 quarter credit minimum)

- SOC 220 Gender Roles in Society (5)
- ANTH& 210 Indians of North America (5)
- ANTH& 106 American Mosaic (5)
- ANTH& 216 Northwest Coast Indians (5)
- ANTH 240 Women in Cross-Cultural Perspective (5)
- CMST 105 Intercultural Communication (5)
- HUM 105 Black Thought and Culture (5)
- HUM 106 Ethnic Thought and Culture (5)

International Studies (4 quarter credit minimum)

- BUS 245 Global Business (5)
- GEOG 160 World Regional Geography – the Non-Western World (5)
- HIST 260 History of Russia and the USSR (5)
- HIST 265 History of Latin America Since 1810 (5)
- HIST 270 Introduction to the Far East (5)
- HIST 280 Introduction to Chinese Civilization (5)
- HIST 287 History of Japan Since Antiquity (5)
- HUM 240 World Religions (5)
- INTS 107 Introduction to International Studies (5)
- POLS& 203 International Relations (5)
- SOC 212 Death, Dying and Bereavement (5)
- SOC& 201 Social Problems (5)

