

Student's name: _____ EWU ID: _____

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Engr & Des | SOAR Major: TECH CNST

Major Declaration Form: Technology - Construction Management, BS-TECH, CNST

Math proficiency needed: MATH 142

Bachelor of Science in Technology
Construction Management option
2017-2018 Catalog Year

First year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MATH 142 PRECALCULUS MATH II (5 cr.) Prerequisite: MATH 141 or equivalent.	Satisfies Math Reasoning Proficiency	F16, W17, Sp17, Su17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> ENGL 101 COLL COMP: EXPOSITN & ARGUMNT (5 cr.) Prerequisite: ENGL 100, Writing Placement Test or General Advising.	Satisfies Writing Competency	F16, W17, Sp17, Su17
<input type="checkbox"/> CPLA 100 & 101 COMPUTER APPLICATIONS LITERACY (1 cr.)	Satisfies Computer Literacy Proficiency	Every F, W, Sp, Su
<input type="checkbox"/> PHYS 161 MECHANICS LABORATORY (1 cr.) Prerequisite: MATH 142.		F16, W17
<input type="checkbox"/> PHYS 131 INTRODUCTORY PHYSICS I (4 cr.) Prerequisites: MATH 142, concurrent enrollment in PHYS 161 for PHYS 131 is recommended; PHYS 131 for PHYS 132; and PHYS 132 for PHYS 133.	Satisfies Natural Science-Physics	F16
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> ENGL 201 COLL COMP: ANALYSIS/RES/DOCMNT (5 cr.) Prerequisite: ENGL 101, Writing Placement Test or general advising.	Satisfies Writing Proficiency	F16, W17, Sp17, Su17
<input type="checkbox"/> METC 110 ENGINEERING GRAPHICS (5 cr.) Prerequisites: METC 102, two years of high school drafting or equivalent.		F16, W17, Sp17, Su17
<input type="checkbox"/> CULTURAL & GENDER DIVERSITY (ANY ONE) (5 cr.)	Satisfies Cultural & Gender Diversity	Every F, W, Sp, Su
<input type="checkbox"/> CHEM 121 (5 cr.) or 151 (5 cr.)		

I have discussed this academic plan with the student listed above. Advisor name: _____ Advisor signature: _____

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Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation.
To follow this MAP, you should place into MATH 142. If you place lower, your custom MAP may change.
This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.

Second year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (1 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (1 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> TECH 393 TECHNOLOGY WORLD CIVILIZATION (4 cr.) Prerequisite: ENGL 101.	Satisfies International Studies	F16, W17, Sp17, Su17
<input type="checkbox"/> METC 340 STATICS (4 cr.) Prerequisites: PHYS 131 and MATH 142 or equivalent.		F16
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (2 cr.)		Every F, W, Sp, Su

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Third year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> TECH 403 COMP-AIDED DESIGN & PROJ MGMT (4 cr.) Prerequisites: MATH 107 or permission of the instructor.		F16, Sp17
<input type="checkbox"/> CMTC 320 NON-METALLIC PROCESSES (5 cr.) Prerequisites: METC 110; junior/senior status or permission of instructor.		
<input type="checkbox"/> CMTC 235 CONST MATS TECH (5 cr.) Prerequisites: METC 102 or TECH 102, or two years of high school drafting or equivalent.		
<input type="checkbox"/> TECH 462 INDUSTRIAL SAFETY ENGINEERING (4 cr.)		F16, W17
<input type="checkbox"/> MENG 217 3D PARAMETRIC COMPUTER DESIGN (4 cr.) Prerequisite: METC 110 or High School AUTOCAD or permission of instructor.		F16, W17, Sp17, Su17
<input type="checkbox"/> CMTC 335 ARCHITECTURE (4 cr.) Prerequisite: METC 110 or TECH 110.		
<input type="checkbox"/> CMTC 305 CONSTRUCTION ESTIMATING (4 cr.) Prerequisite: CMTC 235.		
<input type="checkbox"/> TECH 458 QUALITY ASSURANCE (4 cr.) Prerequisite: junior standing.		W17, Sp17
<input type="checkbox"/> TECH 456 ENGR, ETHIC CONTRACT, PATENT (4 cr.) Prerequisite: junior standing or permission of instructor.		F16, Sp17
<input type="checkbox"/> CMTC 354 BUILDING CODES (4 cr.) Prerequisite: CMTC 335.		
<input type="checkbox"/> CMTC 345 SOILS/SURVEYING (4 cr.) Prerequisite: CMTC 335.		
<input type="checkbox"/> METC 341 STRENGTH OF MATERIALS (5 cr.) Prerequisite: METC 340.		W17

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Fourth year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> TECH 330 TECH PROB ANALYSIS & DESIGN I (4 cr.) <i>Prerequisites: junior standing or permission of the instructor.</i>		F16, W17
<input type="checkbox"/> MENG 452 ENGINEERING ECONOMICS (2 cr.) <i>Prerequisite: junior standing; and a declared Mechanical Engineering or Mechanical Engineering Technology major or permission of instructor.</i>		F16, W17, Sp17, Su17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> TECH 454 ENVIRONMENTAL ENGINEERING (4 cr.) <i>Prerequisite: junior standing or permission of the instructor.</i>		F16, W17
<input type="checkbox"/> TECH 331 TECH PROB ANALYSIS & DESIGN II (4 cr.) <i>Prerequisite: TECH 330.</i>		W17, Sp17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (4 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> CMTC 490 SR. CAPSTONE: PRODUCTION LAB (4 cr.) <i>Prerequisite: senior standing.</i>	Satisfies Senior Capstone	
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (4 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> CMTC 495 INTERNSHIP (6 cr.) <i>Prerequisites: junior or senior status and permission of the instructor, department chair and dean.</i>		
<input type="checkbox"/> CMTC 491 SENIOR PROJECT (4 cr.) <i>Prerequisite: permission of the instructor.</i>		

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