

School of Engineering and Technology

Student ID:

Student Name:

Program Entry Date:

Degree/Program Plan: B.S. Constr. Engr. Mgmt.Tech.

Program/Plan Code: TECH1 / CEMTBS

Requirement Term: 8/15/2015 [4158]

1st Semester

Course#	Units	Title	My 1st Semester
TECH 10200	1	Discovering Technology	
CEMT 10500	3	Intro to Construction & Visualization	
TECH 10500	3	Intro to Engr Tech	
Arts/Humanity	3	see approved course list	
ENG-W131	3	Reading, Writing, and Inquiry	
MATH 15300	3	Algebra & Trig	

Credit Hours 16

2nd Semester

Course#	Units	Title	My 2nd Semester
CEMT 10400	3	Surveying Fundamentals	
COMM R110	3	Fundamentals of Speech Comm	
TCM 22000	3	Technical Report Writing	
CEMT 12000	3	Constr Matr and Methods	
MATH 15400	3	Algebra & Trig	

Credit Hours 15

3rd Semester

Course#	Units	Title	My 3rd Semester
CEMT 21500	3	Mech & Electrical Systems	
CEMT 11000	3	Construction Accounting	
TCM 34000	3	Correspondence in Bus & Ind	
CEMT 27500	3	Applied Civil Eng Drafting	
PHYS 21800	4	General Physics	

Credit Hours 16

4th Semester

Course#	Units	Title	My 4th Semester
CEMT 28000	3	Quantity Survey	
ECON-E 201	3	Microeconomics	
CEMT 16000	3	Statics	
MATH 22100	3	Calculus for Technology	
BUS-X 100	3	Intro to Bus Administration	

Credit Hours 15

5th Semester

Course#	Units	Title	My 5th Semester
CEMT 30200	3	Construction Law & Ethics	
CEMT 34200	3	Construction Cost & Bidding	
CEMT 31200	3	Construction Surveying	
CEMT 26000	3	Strength of Materials	
CEMT 26700	2	Materials Testing	

Credit Hours 14

6th Semester

Course#	Units	Title	My 6th Semester
CEMT 34700	3	Constr. Contract Admin & Specs	
CEMT 34100	3	Construction Scheduling	
Science Ele	4	Science Elective (see approved list)	
CEMT 48400	3	Wood, Timber & Formwork Design	
Stat Elective	3	Stat Elective	

Credit Hours 16

7th Semester

Course#	Units	Title	My 7th Semester
CEMT 45500	3	Constr. Safety & Inspection	
CEMT 33000	3	Constr. Field Operations	
CEMT 45200	3	Hydraulics & Drainage	
CEMT 48600	3	Reinfor Concrete Design & Const	
CEMT 35000	3	Const. Proj. Cost & Control	
CEMT 39000	1	Construction Experience	

Credit Hours 16

8th Semester

Course#	Units	Title	My 8th Semester
CEMT 44700	3	Project Management (Capstone)	
Cultural Under.	3	see approved course list	
CEMT 49400	3	Engineering Econ for Constr	
CEMT 43000	3	Soils and Foundations	

Credit Hours 12

120 Total Credit Hours for BS Degree

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Core Requirements - CEMT Specialty

Course#	Units	Term	Grade	Pre-requisite	Comments
TECH 10200	1				
TECH 10500	3			P or C: ENG-W131 and Math 111	
CEMT 10400	3			P: Math 15900 C: Math15400	
CEMT 10500	3				
CEMT 11000	3			P: TECH 10500	
CEMT 12000	3			P: CEMT 10500	
CEMT 16000	3			P: Math 15400 or Math 15900	
CEMT 21500	3			P: CEMT 12000, Math 15300	
CEMT 27500	3			P:Tech 10400 & Math 15300	
CEMT 28000	3			P: CEMT 12000 and CEMT 27500	
CEMT 26000	3			P: CEMT 16000 C: CEMT 26700	
CEMT 26700	2			P: CEMT 16000 C: CEMT 26000	
CEMT 30200	3			P: CEMT 12000 and Junior Standing	
CEMT 31200	3			P: CEMT 10400	
CEMT 33000	3			P: CEMT 26000, 31200, 34100, 48400 Math 22100 and PHYS 21800	
CEMT 34100	3			P: CEMT 34200	
CEMT 34200	3			P: CEMT 28000	
CEMT 34700	3			P: CEMT 12000 and Junior standing	
CEMT 35000	3			P: CEMT 34100 C: CEMT 33000	
CEMT 39000	1			P: CEMT 28000, TCM 22000, TCM 34000	
CEMT 43000	3			P: CEMT 26000, 31200, 34200, 33000, 48400, 48600, Math 22100, PHYS 21800	
CEMT 44700	3			P: CEMT 33000	
CEMT 45200	3			P: CEMT 26000, 31200, 34100, 48400 Math 22100 and PHYS 21800	
CEMT 45500	3			P: CEMT 34700 and Junior standing	
CEMT 48400	3			P: CEMT 26000	
CEMT 48600	3			P: CEMT 48400	
CEMT 49400	3			P: CEMT 34200 & Senior standing	

total: 76

General Education Requirements - Communications, Humanities, Social Science

Course#	Units	Term	Grade	Pre-requisite	Comments
COMM R110	3				
ECON-E 201	3			P: Sophomore standing	
ENGL W131	3			Placement	
BUS-X100	3				
TCM 22000	3			P: ENG-W 131	
TCM 34000	3			P: ENG-W 131	
Arts & Humanities	3				
Cultural Understanding	3				

Students must complete courses in the IUPUI Common Core to satisfy 3 credits of Cultural Understanding and 3 credits of Arts & Humanities

total: 24

Math and Science Requirements

Course#	Units	Term	Grade	Pre-requisite	Comments
MATH 15300	3			P: Math 11100 or HS Algebra	
MATH 15400	3			P: MATH 15300	
MATH 22100	3			P: Math 15400 or Math 15900	
PHYS 21800	4			P: Math 15400 or Math 15900	
Stat	3				PsyB305 or STAT30100 or IET15000
Science Elec	4				ChemC101&C121 or Geol G107&G117

total: 20

120 Total Credit Hours for BS Degree

Critical Courses are printed in bold font