

Major Map: Construction (Concrete Industry Management) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

			□ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title	**	Upper	Transfer	NE : C 150 : 1	AUS ION IN	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1				ASU 101-FSE should be completed first	
# ASU 101-FSE: The ASU Experience	2			Grade of C	semester.	
# CIM 105: Intro to Concrete Industry MAT 265: Calculus for Engineers I (MA)	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score	
PHY 111/113: General Physics I/ Laboratory I (SQ)	3/1			Grade of C	determines placement into first-year composition courses	
# CON 101: Construction and Culture: A Built Environment (HU, G, H)	3			Grade of C	ASU Math Placement Exam score determines	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students	3			Grade of C	ASU Main Flacement Exam score determines placement in Mathematics course **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Must maintain minimum ASU cumulative GPA of 2.0	
TERM TWO: 16-30 CREDIT HOURS				G 1 6G	Must maintain minimum ASU cumulative GPA	
# CIM 106: Concrete Fundamentals	4			Grade of C	of 2.0	
# CON 243: Heavy Construction Equipment, Methods, Materials	3				# Designates Major Course: A minimum	
# CON 244: Working Drawing Analysis	1				cumulative GPA of 2.0 required in major courses.	
# CON 252: Building Construction Methods, Materials, Equipment	3					
STP 226: Elements of Statistics (CS) ENC 101 or 103: First Vector Commedition OP	3					
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR						
ENG 107 or 108: English for Foreign Students	3			Grade of C		
TERM THREE: 31-45 CREDIT HOURS						
# CIM 205: Concrete Construction Methods	3			Grade of C	Complete 8 critical courses by end of term	
# CON 221 Applied Statics	3				3	
					Must maintain minimum ASU cumulative GPA of 2.0	
# CON 251: Microcomputer Applications for Construction	3				Complete First-Year Composition	
COM 225: Public Speaking (L)	3				requirement: ENG 101 & 102 or ENG 107 &	
					108 or ENG 105 # Designates Major Course: A minimum	
ECN 211: Macroeconomic Principles (SB)	3				cumulative GPA of 2.0 required in major courses.	
TERM FOUR: 46-60 CREDIT HOURS		_	•			
# CIM 206: Application of Concrete in Construction	3			Grade of C	# Designates Major Course: A minimum	
# CON 223: Strength of Materials	3				cumulative GPA of 2.0 required in major courses.	
# CON 271: Construction Safety	3					
ECN 212: Microeconomic Principles (SB)	3					
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US		_				
(C)	3					
TERM SUMMER 2 nd Year: 1 CREDIT HOUR	1					
# CON 296: Field Internship	1					
TERM FIVE: 61-75 CREDIT HOURS					# Designates Major Course: A minimum	
# CIM 305: Management of Concrete Products: Ordering and Delivering	3			Grade of C	# Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined.	
# CON 383: Construction Estimating	4			Grade of C		
# CON 241: Surveying Upper division Humanities, Fine Arts & Design (HU) or	3					
Social & Behavioral Science (SB)	3					
Natural Science: Quantitative (SQ) or General (SG)	4					
TERM SIX: 76-90 CREDIT HOURS		_	•			
# CIM 306: Management of Concrete Products: Production Facilities	3	\boxtimes		Grade of C	# Designates Major Course: A minimum	
# CON 389: Construction Cost Accounting and Control (CS)	3			Grade of C	cumulative GPA of 2.0 required in major courses.	
# CON 450: Geotechnical Applications for Construction	3			Grade of C	Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined.	
LES 305: Legal, Ethical, Regulatory Issues in Business	3					
TERM SUMMER 3 rd Year: 1 CREDIT HOUR		_	•			
# CON 484: Internship	1	\boxtimes		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS		_	•			
# CIM 405: Concrete Problems: Diagnosis, Prevention, Dispute	3	\boxtimes		Grade of C	# Designates Major Course: A minimum	
Upper division CIM Elective	3			Grade of C	cumulative GPA of 2.0 required in major courses.	
# CON 453: Construction Project Management I		⊠		Grade of C	Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined.	
	4	I ∧i	1			
# CON 495; Construction Planning and Scheduling (CS)	3			Grade of C		
# CON 495: Construction Planning and Scheduling (CS) TERM EIGHT: 106-120 CREDIT HOURS	3			Grade of C		
TERM EIGHT: 106-120 CREDIT HOURS	3				# Designates Major Course: A minimum	
TERM EIGHT: 106-120 CREDIT HOURS # CIM 406: Concrete Industry Management	3			Grade of C	# Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.	
TERM EIGHT: 106-120 CREDIT HOURS	3				# Designates Major Course: A minimum	



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Graduation Requirements Summary:

Total Hours Regular Curriculum (120)	Total Hrs at ASU (30 min)	Hrs Resident Credit for Academic Recognition (56 min)	Major GPA (2.000 Min. CUM GPA)	Total UD Hrs (45 min)	Total Comm. College Hrs. (64 Max)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition

Additional Notes:

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