CONSTRUCTION MANAGEMENT

Curriculum Guide ~ Effective Fall 2014 ~ North Dakota State University

(F) Fall only classes - (S) Spring only classes

Name: _____ ID #: _____ Adviser: _____

PRE-CONSTRUCTION MANAGEMENT (2.50 CGPA required for admission)

FALL SEMESTER

Course	GE	Title	Crdt	Gr
CM&E 111 (F)		Intro to CM&E	1	
CM&E 200		Const Doc & Codes	3	
ENGL 110 ACT	C	College Comp I	3	
MATH 105 or 107 MP		Trig or Pre-Calc	3	
CHEM 121 **	S	Gen Chemistry I	3	
CHEM 121 L **	L	Chem I Lab	1	
UNIV 189 (F)	F	Skills/Acad Success	1	
		Semester Total	15	

SPRING SEMESTER

Course	GE	Title	Crdt	Gr
CM&E 212		Const Graphic Comm	3	
ENGL 120	C	College Comp II	3	
MATH 146 MP	R	Applied Calculus	4	
Econ 105	B/G	Elem of Economics	3	
PSYC 111	B	Intro to Psychology	3	
COMM 110	C	Fund Public Speak	3	
		Semester Total	19	

PROFESSIONAL CONSTRUCTION MANAGEMENT (2.75 CGPArequired for admission)

FALL SEMESTER

CM&E 204 (F)		Constr Surveying	3	
CM&E 250 (F)		Appl'd Statics/Mech	3	
PHYS 211 (F) **	S	College Physics 1	3	
PHYS 211 L (F) **	L	Physics I Lab	1	
GEOL 105 (F)	S/G	Physical Geology	3	
ACCT 102		Fund Accounting	3	
		Semester Total	16	
CM&E 305 (F)		Pre-Construct. Mgmt.	3	
CM&E 380 (F)		Constr Estimating	3	
STAT 330		Intro to Statistics	3	
ENGL 320 or 321	C	Writing (Busn/Tech)	3	
MGMT 320*		Found of Mgmt	3	
		Semester Total	15	
CM&E 403 (F)		Scheduling	3	
CM&E 421 (F)		Elec & Mech Constr	3	
CM&E 430 (F)		Land Development	3	
CM&E 450 (F)		Steel Dsgn/ Const	3	
BA Minor 300/400 Elec*			3	
		Semester Total	15	

SPRING SEMESTER

CM&E 203 (S)		Bldg Const (M&M)	3	
CM&E 240 (S)		Fin & Cost Concepts	3	
CM&E 260 (S)		Soils & Foundations	3	
Humanities Elec.	A		3	
Hum & Diversity	A&D		3	
		Semester Total	15	
CM&E 301 (S)		Constr Equip	3	
CM&E 315 (S)		Specs & Contracts	3	
CM&E 405 (S)		Support Operations	3	
BUSN 431*		Business Law I	3	
MRKT 320 or FIN 320*			3	
		Semester Total	15	
CM&E 488 (S)		CM Capstone	3	
CM&E 453 (S)		Concrete Dsgn/ Const	3	
Wellness	W		2	
BA Minor 300/400 Elec*			3	
BA Minor 300/400 Elec*			3	
		Semester Total	14	
		TOTAL CREDITS	**124**	

General Education (GE) Requirements

	GE	Crdt	
A Humanities/ Fine Arts (6 credits)			
	A&D	3	
	A	3	
B Social/ Behavior Sciences (6 credits)			
ECON 105 is required	B/G	3	
PSYC 111	B	3	
D Cultural Diversity			
	D		
G Global Perspectives			
ECON 105	G		
L Co-Requisite Lab			
	L	1	
W - Wellness			
	L	2	

KEY

General Education Categories:

A - Humanities/ Fine Arts

B - Social/ Behavior Sciences

C - Communications

D - Cultural Diversity # (take as a Humanities)

F - First Year Experience

G - Global Perspectives

L - Co-Requisite Lab

R - Quantitative Reasoning

S - Science & Technology

W - Wellness (Minimum 2 credits)

ACT - waived if composite ACT is 21 or more

MP - possibly waived (based on Math Placement)

* **A Minor in Business Administration is required to graduate. A 2.5 CGPA is required in the Minor coursework.**

** **All Science courses require the companion lab with the exception of Geology which requires no lab.**

CONSTRUCTION MANAGEMENT

REQUIRED GENERAL EDUCATION COURSES							
Course	GE	Title	Crdt	Course	GE	Title	Crdt
ENGL 110 ACT	C	College Comp I	3	ENGL 120	C	College Comp II	3
ENGL 320 / 321	C	Writing (Busn/Tech)	3	COMM 110	C	Fund Public Speak	3
CHEM 121	S	Gen Chemistry I	3	CHEM 121 L	L	Chem I Lab	1
PHYS 211 (F)	S	College Physics 1	3	PHYS 211 L (F)	L	Physics I Lab	1
MATH 105 or 107 MP		Trig or Pre-Calc	3	MATH 146 MP	R	Applied Calculus	4
STAT 330		Intro to Statistics	3				
GEOL 105 (F)	S/G	Physical Geology	3	Humanities Elec.	A		3
UNIV 189 (F)	F	Skills/Acad Success	1	Hum & Diversity	AD		3
PSYC 111	B	Intro to Psychology	3	Wellness	W		2

REQUIRED MINOR IN BUSINESS ADMINISTRATION (2.50 to graduate)						
ACCT 102	Fund of Accounting	3	ECON 105	B/G	Elem of Economics	3
MGMT 320***	Found of Mgmt	3	BUSN 431***		Business Law I	3
MRKT 320 Found of Mrkt or Fin 320 Prin of Fin		3	BA Minor 300/400 Elec***			3
BA Minor 300/400 Elec***		3	BA Minor 300/400 Elec***			3
					Total Credits for Minor in BA	**24**

PRE-CONSTRUCTION MANAGEMENT PROGRAM (2.50 CGPA for admission)					
CM&E 111 (F)	Intro to CM&E	1	CM&E 212	Const Graphic Comm	3
CM&E 200	Const Doc & Codes	3			
				Total Credits in Pre-CM Program	**7**

PROFESSIONAL CONSTRUCTION MANAGEMENT PROGRAM (2.75 CPGA for admission)					
FALL SEMESTER			SPRING SEMESTER		
CM&E 204 (F)	Constr Surveying	3	CM&E 203 (S)	Bldg Const (M&M)	3
CM&E 250 (F)	Appl Statics/Mech	3	CM&E 240 (S)	Fin & Cost Concepts	3
			CM&E 260 (S)	Soils & Foundations	3
CM&E 305 (F)	Pre-Construct. Mgmt	3	CM&E 301 (S)	Constr Equip	3
CM&E 380 (F)	Constr Estimating	3	CM&E 315 (S)	Specs & Contracts	3
CM&E 403 (F)	Scheduling	3	CM&E 405 (S)	Support Operations	3
CM&E 421 (F)	Elec & Mech Constr	3	CM&E 488 (S)	CM Capstone	3
CM&E 430 (F)	Land Development	3	CM&E 453 (S)	Concrete Dsgn & Constr.	3
CM&E 450 (F)	Steel Dsgn & Constr.	3			
				Total Credits in Professional CM Program	**48**
				TOTAL CREDITS	**124**