

EFFECTIVE WITH CLASS ENTERING FALL 2007

**CONSTRUCTION MANAGEMENT TECHNOLOGY
Curriculum**

PROGRAM COORDINATOR:

Prof. Howard (Mac) Gray
312 Boardman Hall
(207) 581-2181
mac.gray@umit.maine.edu

<u>Course Symbol</u>	<u>Course Title</u>	<u>Lec</u>	<u>Lab/ Rec</u>	<u>Credit</u>
<u>SEMESTER I</u>				
CET100	Introduction to Construction Management	1	0	1
COS103	Introduction to Spreadsheets	1	0	1
ENG101	College Composition	3	0	3
MET121	Technical Drawing	2	2	3
PHY107	Technical Physics I	2	4	4
TME151	Technical Mathematics I: Precalculus	<u>3</u>	<u>0</u>	<u>3</u>
		12	6	15
<u>SEMESTER II</u>				
CET101	Plane Surveying	2	2	3
CET130	Building Construction	2	2	3
PHY108	Technical Physics II	2	4	4
TME152	Technical Mathematics II: Precalculus & Intro. Calculus	3	0	3
_____	<i>Population and the Environment Elective*</i>	<u>3</u>	<u>0</u>	<u>3</u>
		12	8	16
<u>SEMESTER III</u>				
CET202+	Construction Surveying	2	2	3
CET211	Statics and Strength of Materials	3	2	4
CIE110	Materials	3	0	3
CIE111	Materials Laboratory	0	2	1
TME253	Applied Calculus for Engineering Technology	<u>4</u>	<u>0</u>	<u>4</u>
		12	6	15
<u>SEMESTER IV</u>				
CET212	Structural Design	3	2	4
CET221	Construction Methods	3	0	3
CET224	Construction Safety	1	0	1
CMJ103	Fundamentals of Public Communication**	3	0	3
•ENG212+	Persuasive and Analytical Writing	3	0	3
MAT215	Intro. to Statistics for Business & Economics	<u>3</u>	<u>0</u>	<u>3</u>
		16	2	17

•ENG417, ENG418 & ENG496 can be substituted for ENG212 only with advisor approval
+Students can switch CET202 and ENG212

**CONSTRUCTION MANAGEMENT TECHNOLOGY
Curriculum**

<u>Course Symbol</u>	<u>Course Title</u>	<u>Lec</u>	<u>Lab/ Rec</u>	<u>Credit</u>
<u>SEMESTER V</u>				
BUA201	Principles of Financial Accounting I	3	0	3
CET326	Soil Mechanics and Foundations	3	0	3
CET327	Soil Mechanics and Foundations Lab	0	2	1
CET356	Construction Documents & Administration	2	0	2
CET357	Construction Documents & Administration Lab	0	2	1
ECO120	Principles of Microeconomics**	3	0	3
ENG317	Business and Technical Writing	<u>3</u>	<u>0</u>	<u>3</u>
		14	4	16
<u>SEMESTER VI</u>				
CET332	Civil Engineering Technology	3	1	3
CET360	Construction Estimating & Bidding	2	2	3
CMJ257	Business & Professional Communication	3	0	3
ECO121	Principles of Macroeconomics**	3	0	3
_____	<i>Cultural Diversity Elective*</i>	<u>3</u>	<u>0</u>	<u>3</u>
		14	3	15
<u>SEMESTER VII</u>				
BUA325	Principles of Management and Organization	3	0	3
CET451	Construction Law	3	0	3
CET462	Construction Planning & Scheduling	2	2	3
_____	<i>Western Cultural Tradition Elective*</i>	3	0	3
_____	<i>Technical Elective</i>	<u>3</u>	<u>0</u>	<u>3</u>
		14	2	15
<u>SEMESTER VIII</u>				
BUA331	Labor-Management Relations**	3	0	3
CET455	Engineering Fundamentals	2	0	2
CET458	Management of Construction	3	0	3
MET484	Engineering Economics	3	0	3
_____	<i>Artistic and Creative Expression Elective*</i>	3	0	3
_____	<i>Technical Elective</i>	<u>3</u>	<u>0</u>	<u>3</u>
		17	0	17
_____	<i>Ethics Requirement*</i>			
_____	<i>Associate Constructor Examination (Senior Year)***</i>			

TOTAL DEGREE HOURS REQUIRED FOR BACHELOR'S DEGREE 126

STUDENT MUST SEE ADVISOR FOR APPROVAL OF ALL ELECTIVES

Lists of approved courses that meet the General Education requirements and Technical Electives are available in 119 Boardman Hall.

* General Education Requirement Electives do not have to be taken in the order shown.

One of the Human Values/Social Context electives must also fulfill the **Ethics requirement**.

** Fulfills Social Context and 18 credit hour requirement.

***Students must take the Associate Constructor Level I exam and pass at least four of the content areas before graduating.