

## BS in Construction Management (TCMG)

### 2023-2024 Audit Worksheet\*

**Student:**

**Graduation Semester Goal:**

Major Requirements: 104 credits		
Course #	Course Title	Credits
CMG 1000	Introduction to Construction Management	2
CMG 1200	Introduction to Building Information Modeling	3
CMG 2110	Building Utility Systems	4
CMG 2120	Statics & Strengths of Mtls for Construction	4
CMG 2140	Building Materials & Methods	4
CMG 3200	Site Planning and Development	4
CMG 3250	Structural Analysis and Design	3
CMG 3265	Construction Cost Estimating	4
CMG 4120 or CEE 4344	Construction Planning and Scheduling or Construction Scheduling	3
CMG 4200	Construction Contracts	3
CMG 4210	Construction Project Management	4
CMG 4300	Construction Finance and Accounting	3
CMG 4400	Construction Safety Management	3
CMG 4800	Sustainable Construction	3
CEE 3101	Civil Engineering Materials	3
CEE3332	Fundamentals of Construction Engineering	3
SU 2000	Introduction to Surveying	2

Business & Communication Requirements: 18 credits		
Course #	Course Title	Credits
ACC 2000	Accounting Principles I	3
BUS 2200	Business Law	3
EC 2001	Principles of Economics	3
EC 3400	Economic Decision Analysis	3
HU 2830	Public Speaking & Multimedia	3
HU 3120	Technical and Professional Communication	3

Business Electives: Select 6 credits		
Course #	Course Title	Credits
MGT 2000	Team Dynamics and Decision Making	3
MGT 3000	Organizational Behavior	3
MGT 3800	Innovation & Entrepreneurship	3
OSM 3000	Operations & Supply Chain Management	3
OSM 3150	Introduction to Supply Chain Management	3
OSM3600	Procurement and Supply Management	3

Required Math and Science: 16 credits		
Course #	Course Title	Credits
MA 1032	Precalculus	4
MA 2720	Statistical Methods	4
PH 1140	Applied College Physics I	3
PH 1141	Applied College Physics I Laboratory	1
PH 1200	Physics by Inquiry II	1
PH 1240	Applied College Physics II	3

Capstone Options (choose 1 option for 6 credits)		
<b>Option 1: Senior Design</b>		
CEE 4905	Engineering Design Project	3
Technical Elective Options:		3
BUS2300, CEE3331, CEE3401, CEE3490, CEE4101, CEE4233, CEE4333, CMG4000, CMG4100, CMG4996, CMG4997, CMG4998, ENT3959, ENT3967, ENT3984, MGT3000, MGT4600, MKT3000, OSM3000, OSM3150, OSM3600, OSM4650, SU2050, SU2220, or UN3002		
<b>Option 2: Enterprise Work</b> <i>(must be completed with 4 semesters)</i>		
ENT 3950	Enterprise Project Work III	1
ENT 3960	Enterprise Project Work IV	1
ENT 4950	Enterprise Project Work V Capstone	2
ENT 4960	Enterprise Project Work VI Capstone	2

Science Electives: Select 3 credits		
GE 2000	Understanding the Earth	3
or Non-PH STEM course from approved Science course list		

\* Not the official audit form. The Registrar's audit can be found at: <http://www.mtu.edu/registrar/students/major-degree/audit/business/>

For official degree progress run an audit in MyMichiganTech under "Current Students" by accessing "Undergraduate Degree Audit"

<b>GENERAL EDUCATION Core and HASS (24 Credits)</b>		
General Education Core: 12 credits		
Course #	Course Title	Credits
UN 1015	Composition	3
UN 1025	Global Issues or upper level modern language	3
	Critical and Creative Thinking	3
	Social Responsibility & Ethical Reasoning	3
HASS: 12 Credits		
<input type="checkbox"/> Students must complete 12 credits of HASS course work <input type="checkbox"/> Six of the 12 credits must be upper level of 3000 or 4000 <input type="checkbox"/> At least three credits each in the following: Communication/Comp, Humanities and Fine Arts and Social & Behavioral Sciences. <input type="checkbox"/> No more than three credits may come from the restricted list		
	Communication/Composition	3
	Humanities and Fine Arts	3
	Social and Behavioral Sciences	3
	Course from any list above or Restricted list	3

<b>Free Electives: 0 credits</b>		

Completed Credit Count

Major \_\_\_\_\_

Gen Ed \_\_\_\_\_

**Total Academic Credits Required: 128**

Co-curricular Activities \_\_\_\_\_

<b>Co-curricular Activities: 3 credits/units</b>		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. <i>Courses range from 1.0 - 0.5 credits</i>		