

**BS in Engineering Management  
2020-2021 Audit Worksheet \***

**Student:**

**Expected Graduation Term:**

<b>Business Requirements: Total 42 credits</b>			
Course #	Course Title	Credits	Term Taken
ACC 2000	Accounting Principles I	3	
ACC 2100	Accounting Principles II	3	
BUS 1100	Introduction to Business	3	
BUS 2200	Business Law	3	
BUS 2300	Quantitative Problem Solving	3	
EC 2001	Principles of Economics	3	
EC 3100	International Economics	3	
FIN 3000	Principles of Finance	3	
MGT 2000	Team Dynamics and Decision Making	3	
MGT 3000	Organizational Behavior	3	
MGT 4000	Strategic Management	3	
MIS 2000	IS/IT Management	3	
MKT 3000	Principles of Marketing	3	
OSM 3000	Operations & Supply Chain Management	3	

<b>Math Requirements: Total 11-13 credits</b>			
MA 1160	Calculus with Technology I	4	
or MA 1161	Calculus Plus w/ Technology I	5	
MA 2160	Calculus with Technology II	4	
MA 2720	Statistical Methods	4	
or MA 3710	Engineering Statistics	3	

<b>Lab Science Requirements: Total 8 credits</b>			
PH 1100	Physics by Inquiry I	1	
PH 2100	University Physics I - Mechanics	3	
CH 1150	University Chemistry I	3	
CH 1151	University Chemistry Lab I	1	

<b>Engineering Requirements: Total 23 credits</b>			
CEE 3503	Environmental Engineering	3	
EE 3010	Circuits and Instrumentation	3	
ENG 1101	Engineering Analysis & Problem Solving	3	
ENG 1102	Engineering Modeling and Design	3	
ENG 3200	Thermodynamics/Fluid Mechanics	4	
ENG 2120	Statics-Strength of Materials	4	
or MET 2110	Applied Statics	3	
& MET 2150	Applied Strength of Materials	3	
MSE 2100	Intro to Materials Science & Engineering	3	

<b>Engineering Management Requirements: Total 15 credits</b>			
Course #	Course Title	Credits	Term Taken
MGT 4600	Management of Technology & Innovation	3	
OSM 4300	Project Management	3	
OSM 4650	Six Sigma Fundamentals	3	
<b>Capstone (choose one option for 6 credits)</b>			
<b>Option 1</b>			
ENT 4900	Sr Enterprise Project Work V Non-Capstone	2	
ENT 4910	Sr Enterprise Project Work VI Non-Capstone	2	
<b>And select 2 courses below:</b>			
ENT 1960	Enterprise Orientation - Spring	1	
ENT 2950	Enterprise Project Work I	1	
ENT 2960	Enterprise Project Work II	1	
ENT 3950	Enterprise Project Work III	1	
ENT 3960	Enterprise Project Work IV	1	
ENT 4961	Enterprise Project Work VII	1	
<b>Option 2</b>			
<b>Select a 2 course cluster (MUST have the same prefix)</b>			
ACC 3500	Managerial/Cost Accounting I	3	
and ACC 4500	Managerial/Cost Accounting II	3	
BUS 4991	Business Development Experience I	3	
and BUS 4992	Business Development Experience II	3	
EC 3300	Industrial Organization	3	
and EC 4200	Econometrics	3	
FIN 4100	Advanced Financial Management	3	
and FIN 4500	Risk Management & FinTech	3	
MGT 3800	Entrepreneurship	3	
and MGT 4200	Entrepreneurial Management	3	
MIS 3000	Business Process Analysis	3	
and MIS 3200	Systems Analysis and Design	3	
MKT 4100	Sales and Sales Technology	3	
and MKT 4200	Business to Business Mktg in the Digital Age	3	
OSM 3600	Procurement & Supply Management	3	
and OSM 4700	Logistics & Transportation Management	3	
<b>Option 3</b>			
BUS 3900	Business Internship	3	
OSM 4350	Advanced Project Management	3	

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

**GENERAL EDUCATION & DISTRIBUTION: Total 24 credits**

Course #	Course Title	Credits	Term Taken
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**

- Students must complete 12 credits of HASS course work
- Six of the 12 credits must be at the 3000 or 4000 level
- At least three credits each in the following: Communication/Comp, Humanities and Fine Arts and Social & Behavioral Sciences.
- Six (6) credits must be at the 3000 or 4000 level
- 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	0-3	

**Free Electives: 1-5 credits**


**Completed Credit Count**

Core\_\_\_\_\_

Math\_\_\_\_\_

Lab Science\_\_\_\_\_

Engineering\_\_\_\_\_

Major\_\_\_\_\_

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

Free Electives\_\_\_\_\_

**Co-curricular Activities: Total 3 credits**

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. 0.5 credits each


**Total Academic Credits  
Required: 128**

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