

**BS in Engineering Management
2019-2020 Audit Worksheet ***

Student: _____ Expected Graduation Term: _____

Business Requirements: Total 42 credits			
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	

Math Requirements: Total 11-13 credits			
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	

Lab Science Requirements: Total 8 credits			
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	

Engineering Requirements: Total 23 credits			
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 2120	Statics and Strength of Materials		
MSE 2100	Intro to Materials Science & Engineering	3	

Engineering Management Requirements: Total 15 credits			
Course #	Course Title	Credits	Term Taken
MGT 4600	Management of Technology & Innovation	3	
OSM 4300	Project Management	3	
OSM 4650	Six Sigma Fundamentals	3	
Capstone (choose one option for 6 credits)			
Option 1			
ENT 4900	Sr Enterprise Project Work V Non-Capstone	2	
ENT 4910	Sr Enterprise Project Work VI Non-Capstone	2	
And select 2 courses below:			
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	
Option 2			
Select a 2 course cluster (MUST have the same prefix)			
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 Innovations	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	
Option 3			
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	3	
* Or upper level modern language course			
	Critical and Creative Thinking	3	
	Social Resp. & Ethical Reasoning	3	

Humanities & Fine Arts/Social & Behavioral Sciences

	Communication/Composition	3	
	Humanities and Fine Arts	3	
	Social and Behavioral Sciences	3	
	Course from any list above or Restricted list	3	

* A 3000-level or higher modern language course may be used in place of UN1025 Global Issues. The language course does not count toward the 6 credit upper level requirement.

Other Requirements:

- Six (6) credits must be at the 3000 or 4000 level
- No more than three (3) credits from the restricted list
- Each course can satisfy only one requirement

Free Electives: 1-5 credits

Completed Credit Count

Core_____

Math_____

Lab Science_____

Engineering_____

Eng Mgmt_____

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_____