

MEM Course Curriculum (2016)

Freshman Year			Sophomore Year			Junior Year			Senior Year		
ENGR 1000	Orientation To Engineering	1	MEM 2211	Intro to Manuf. Systems	3	MEM 3221	Intro Products & Processes	3	MEM 4225	Adv. Products & Processes	3
CSE 1010	Intro To Eng Computing	3	MEM 2212	Intro to Manuf. Systems Laboratory	1	CE 3110	Mechanics of Materials	3	MEM 4971W	Adv. Manuf. Systems I	2
MATH 1131Q	Calculus I	4	CE 2110	Applied Mechanics I	3	ECE 2000	Elec. & Comp. Eng. Principles	3	ME 3263	Intro to Sensors & Data Analysis	3
CHEM 1127Q	General Chemistry	4	MATH 2110Q	Multivariable Calculus	4	MSE 2101	Material Sci. & Engineering I	3	OPIM 3801	Principles of Project Mgmt.	3
ENGL 1010	Seminar in Writing	4	PHYS 1501Q	Physics for Engineers I	4	ACCT 2101	Prin. Of Mngt. Accounting	3	BLAW 3175	Legal & Ethical Envir. Of Bus.	3
			ANTH 1000	One of these – Gen Ed Requirement	3				ME 3221	Manufacturing Automation	3
		<u>16</u>	GEO 1700		<u>18</u>			<u>15</u>			<u>17</u>
MEM 1151	Intro. To MEM Program	3	HIST 1400	Modern Western Traditions	3	MEM 3231	Computers in Manufacturing	3	MEM 4972W	Adv. Manuf. Systems II	2
MATH 1132Q	Calculus II	4		Free Elective	3	MSE 2102	Material Sci. & Engineering II	3	ME 3227	Design of Machine Elmts.	3
STAT 1000/1100	Elementary Statistics	4	MATH 2410Q	Elementary Differential Eq.	3	FNCE 3101	Financial Management	3		Engineering Elective	3
ECON 1200	Principles of Econ (Intens.)	4	PHYS 1502Q	Physics for Engineers II	4	MKTG 3101	Intro to Mktg Management	3	OPIM 3652	Industrial Quality Control	3
	GEN ED (CA4)	3	PHIL 1104	Philosophy and Social Ethics	3	MGMT 3101	Managerial & Intpsl Behavior	3	MGMT 4900	Strategy, Policy & Planning	3
			ACCT 2001	Prin. Of Financial Accounting	3	ME 2233	Thermo.	3		Business Elective	3
		<u>18</u>			<u>19</u>			<u>18</u>			<u>18</u>