

# BACHELOR OF SCIENCE DEGREE IN ENGINEERING TECHNOLOGY

Manufacturing Concentration

125 Hours

2008 - 2009

## Recommended Course of Study

### Freshman Year

<b>Fall</b>			<b>Spring</b>		
CHEM 1410	General Chemistry	3	ENGL 2700	Technical Writing	3
CHEM 1430	General Chemistry Laboratory	1	GNET 1030	Technological Systems	3
ENGL 1310	College Writing I	3	MATH 1720	Calculus II	3
ENGR 1304	Engineering Graphics	3	PHYS 1710	Mechanics	3
MATH 1710	Calculus I	4	PHYS 1730	Laboratory in Mechanics	1
PSCI 1040	American Government	<u>3</u>	XXXX	Wellness	<u>3</u>
		17			16

### Sophomore Year

<b>Fall</b>			<b>Spring</b>		
CSCE 1020	Program Development	4	ENGR 2332	Mechanics of Materials	4
ENGR 2060	Professional Presentations	3	MFET 2100	Mfg Processes & Materials	3
ENGR 2301	Statics	3	PSCI 1050	American Government	3
ENGR 2405	Fund. of Electrical Engineering	4	PHYS 2220	Electricity and Magnetism	3
HIST 2610	U.S. History to 1865	<u>3</u>	PHYS 2240	Lab in WM, Elet. Mag & Optics	1
		17	XXXX	Humanities	<u>3</u>
					17

### Junior Year

<b>Fall</b>			<b>Spring</b>		
HIST 2620	U.S. History Since 1865	3	ELET 3970	Electronic Devices & Controls	3
MEET 3660	Thermal Sciences Applications	3	MEET 3650	Design of Mechanical Components	3
MFET 3110	Machining Principles & Processes	4	MEET 4360	Thermal Science Laboratory	2
MFET 3250	Plastics Materials & Processes	3	MFET 4190	Quality Assurance	3
MFET 3450	Engineering Materials	<u>4</u>	MFET 4210	CAD/CAM Systems Operations	3
		17	MGMT 3830	Operations Management	<u>3</u>
					17

### Senior Year

<b>Fall</b>			<b>Spring</b>		
MFET 3520	Soldering, Brazing and Adhesive Bonding	3	CSCI 4010	Engineering Ethics	2
MFET 4200	Engineering Cost Analysis	2	MFET 4790	Senior Design II	2
MFET 4230	CNC Programs & Operation	4	XXXX	Technical Elective	3
MFET 4780	Senior Design I	2	XXXX	Cross Cult., Div., & Global Studies	<u>3</u>
XXXX	Visual and Performing Arts	<u>3</u>			10
		14			