

**CO-OP PLANS A and B - Industrial Engineering Program**

**Spring 2006**

Course / work experience	Cr	Course / work experience	Cr	Course / work experience	Cr		
<b>Freshman / Fall</b>		<b>Freshman / Spring</b>		<b>Freshman / Summer</b>			
CHEM 1230	General Chemistry I	4	ENGL 1930	Technical Writing for Engineers	3		
ENGL 1110	College Composition	3	MATH 1860	Single Variable Calculus II	4		
MATH 1850	Single Variable Calculus I	4	MIME 1010	Professional Development	1		
MIME 1000	Orientation to ME and IE	3	MIME 1650	Materials Science & Engrg	3		
MIME 1100	Introduction to CAD	2	PHYS 2130	Engineering Physics I	5		
Total		16	Total		16		
<b>Sophomore / Fall</b>		<b>Sophomore / Spring</b>		<b>Sophomore / Summer</b>			
CIVE 1150	Engineering Statics	3	MIME 3940-001		MATH 2890	Num Meth & Linear Algebra	3
MATH 2850	Elem Multivariable Calculus	4	Co-op Experience 1		MATH 3860	Differential Equations	3
MIME 2650	Manufacturing Processes	3			MIME 2300	Engineering Dynamics	3
PHYS 2140	Engineering Physics II	5			MIME 4000	Engineering Statistics I	3
					PSY 1010	Principles of Psychology	3
Total		15			Total		15
<b>Pre-Junior / Fall</b>		<b>Pre-Junior / Spring</b>		<b>Pre-Junior / Summer</b>			
MIME 3940-002		MIME 2600	Engineering Economics	3	MIME 3940-003		
Co-op Experience 2		MIME 4050	Human Factors Engineering	3	Co-op Experience 3		
		MIME 4080	Operations Research I	3			
		MIME 4010	Engineering Statistics II	3			
		MIME 4100	Manuf. System Simulation	3			
		Total		15			
<b>Junior / Fall</b>		<b>Junior / Spring</b>		<b>Junior / Summer</b>			
EECS 2340	Elect Circuits for Non-Majors	3	MIME 3780	Engineering Management	3	MIME 3940-004	
MIME 3710	Work Design & Measurement	3	MIME 4110	Prod. Planning & Inv. Control	3	Co-op Experience 4	
MIME 4060	Manufacturing Engineering	3	MIME 4160	Facilities Planning	3	or make up course deficits, or	
MIME 4070	Computer Aided Manufac.	3		Technical Electives	3	take Business Minor courses.	
MIME 4090	Operations Research II	3		Hum / Soc Sci elective *	6		
Total		15	Total		18		
<b>Senior / Fall</b>		<b>Senior / Spring</b>					
MIME 4020	Stat. Q. C. & Management	3	If necessary, this semester may be used to		* Candidate course(s) to take distance		
MIME 4200	Senior Design Projects	3	take Business Minor courses,		learning while on your co-op work term		
	Technical Electives	6	or make up remaining course deficits,				
	MultiCult'l DbIDip Elective *	3	or begin graduate study.				
	MultiCult'l Elective *	3					
Total		18					