

**Student Educational Plan  
Associate in Engineering**

**1st YEAR FALL SEMESTER**

		<b><u>Class</u></b>	<b><u>Lab</u></b>	<b><u>Clinical</u></b>	<b><u>Credit</u></b>	
ACA 122	College Transfer Success		0	2	0	1
ENG 111	Writing & Inquiry		3	0	0	3
MAT 171	Precalculus Algebra		3	2	0	4
MAT 172	Precalculus Trigonometry		3	2	0	4
Fine Arts/Com	COM 231, ART 111, ART 114, ART 115, MUS 110, MUS 112		3	0	0	3
			<b>12</b>	<b>6</b>	<b>0</b>	<b>15</b>

**1st YEAR SPRING SEMESTER**

MAT 271	Calculus I		3	2	0	4
ENG 112	Writing in the Disciplines		3	0	0	3
SOC./BEH SC.	HIS 111, HIS 112, HIS 131, HIS 132, POL 120, PSY 150, SOC 210		3	0	0	3
Humanities	ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240, REL 110		3	0	0	3
Other GEN ED	BIO 111, CHM 152, COM 110, COM 231, ECO 252, GEL 111, HUM 110, PHI 240		3	0	0	3
			<b>15</b>	<b>2</b>	<b>0</b>	<b>16</b>

**1st YEAR SUMMER SEMESTER**

ECO 251	Principles of Microeconomics		3	0	0	3
Gen Ed/Premajor Elective	BIO 111, CHM 152, CHM 251, CHM 252, COM 110, COM 231, CSC 134, DFT 170, ECO 252, GEL 111, HUM 110, MAT 280, PED 110		3	0	0	3-4
			<b>6</b>	<b>2</b>	<b>0</b>	<b>6-7</b>

**2nd YEAR FALL SEMESTER**

MAT 272	Calculus II		3	2	0	4
CHM 151	Gen. Chem. I		3	3	0	4
PHY 251	Gen. Physics I		3	2	0	4
Gen Ed/Premajor Elective	BIO 111, CHM 152, CHM 251, CHM 252, COM 110, COM 231, CSC 134, DFT 170, ECO 252, GEL 111, HUM 110, MAT 280, PED 110		3	0	0	3
			<b>12</b>	<b>7</b>	<b>0</b>	<b>15</b>

**2nd YEAR SPRING SEMESTER**

PHY 252	Gen. Physics II		3	2	0	4
EGR 150	Intro to Engineering		1	2	0	2
MAT 273	Calculus III		3	2	0	4
Gen Ed/Premajor Elective	BIO 111, CHM 152, CHM 251, CHM 252, COM 110, COM 231, CSC 134, DFT 170, ECO 252, GEL 111, HUM 110, MAT 280, PED 110		3	0	0	3
Gen Ed/Premajor Elective	BIO 111, CHM 152, CHM 251, CHM 252, COM 110, COM 231, CSC 134, DFT 170, ECO 252, GEL 111, HUM 110, MAT 280, PED 110		3	0	0	3
			<b>13</b>	<b>3</b>	<b>0</b>	<b>16</b>

**SEMESTER HOURS REQUIRED TO GRADUATE**

**60-61 (only if directly placed in MAT 271)**

\*Calculus I is the lowest level math course that will be accepted by the engineering programs for transfer as a math credit. Students who are not calculus-ready will need to take additional math courses.