

**Associate in Applied Science
General Engineering Technology
Mechanical Engineering (AAS.GET.EGRTR 35301)**

**Total Credit Hours: 66
Effective: Fall 2014**

Graduation Plan

First Semester			
	Credit Hours	Prerequisites & Co-requisites	Done
*ECO 210 Macroeconomics OR	-	ENG 032 or equivalent	<input type="checkbox"/>
*PSY 201 General Psychology	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*ENG 101 English Composition I	3.0	ENG 032 and RDG 100 or equivalents – minimum grade of C	<input type="checkbox"/>
*MAT 140 Analytical Geometry & Calculus I	4.0	MAT 110 and MAT 111 or equivalents – minimum grade of C	<input type="checkbox"/>
*EGR 270 Intro to Engineering	3.0	ENG 032 and RDG 101 or equivalents	<input type="checkbox"/>
*CHM 110 College Chemistry I	4.0	MAT 110– Minimum grade of C	<input type="checkbox"/>
TOTAL	17.0		

Second Semester

	Credit Hours	Prerequisites & Co-requisites	Done
*CHM 111 College Chemistry II	4.0	CHM 110	<input type="checkbox"/>
*EGR 194 Statics and Strength of Materials	4.0	MAT 111 and PHY 222 – Minimum grades of C	<input type="checkbox"/>
*EGR 275 Intro to Engineering/ Computer Graphics	3.0		<input type="checkbox"/>
*ENG 102 English Composition II	3.0	ENG 101 or equivalent – minimum grade of C	<input type="checkbox"/>
*MAT 141 Analytical Geometry & Calculus II	4.0	MAT 140 or equivalent – minimum grade of C	<input type="checkbox"/>
TOTAL	18.0		

Third Semester

	Credit Hours	Prerequisites & Co-requisites	Done
*CPT 101 Intro to Computers	3.0	ENG 032 and RDG 100 or equivalents – minimum grade of C	<input type="checkbox"/>
*ECE 221 Intro to Electrical Engineering I	3.0	MAT 140 or equivalent	<input type="checkbox"/>
*HIS 101 Western Civilization to 1689	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*PHY 221 University Physics I	4.0	MAT 111 Co-requisites: MAT 130 OR MAT 140; ENG 101	<input type="checkbox"/>
@Approved Elective	3.0		<input type="checkbox"/>
TOTAL	16.0		

Fourth Semester

	Credit Hours	Prerequisites & Co-requisites	Done
--	---------------------	--	-------------

* Courses in this program that require a minimum grade of “C.”

@Approved electives are determined by specialization and are listed separately at the end of the document.

**Associate in Applied Science
General Engineering Technology
Mechanical Engineering (AAS.GET.EGRTR 35301)**

**Total Credit Hours: 66
Effective: Fall 2014**

Graduation Plan

EGR 175 Manufacturing Processes	3.0	RDG 100 or equivalent and ENG 032 – minimum grade of C or equivalent	<input type="checkbox"/>
PHY 222 University Physics II	4.0	PHY 221	<input type="checkbox"/>
@Approved Elective	4.0		<input type="checkbox"/>
@Approved Elective	4.0		<input type="checkbox"/>
TOTAL	15.0		

Approved Electives - Choose 11 hours to be taken during semesters in slots indicated above

	Credit Hours	Prerequisites & Co-requisites	Done
*ART 101 Art History and Appreciation	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*BIO 101 Biological Science I	4.0	ENG 032 or equivalent– minimum grade of C Recommended: CHM 101 if student has no chemistry background	<input type="checkbox"/>
*BIO 102 Biological Science II	4.0	ENG 032 or equivalent – minimum grade of C	<input type="checkbox"/>
*EGR 266 Engineering Thermodynamics Fundamentals	3.0	MAT 141 or equivalent	<input type="checkbox"/>
*ENG 201 American Literature I	3.0	ENG 102 – minimum grade of C	<input type="checkbox"/>
*ENG 202 American Literature II	3.0	ENG 102 – minimum grade of C	<input type="checkbox"/>
*ENG 205 English Literature I	3.0	ENG 102 – minimum grade of C	<input type="checkbox"/>
*ENG 206 English Literature II	3.0	ENG 102 – minimum grade of C	<input type="checkbox"/>
*ENG 208 World Literature I	3.0	ENG 102 – minimum grade of C	<input type="checkbox"/>
*ENG 209 World Literature II	3.0	ENG 102 – minimum grade of C	<input type="checkbox"/>
*MAT 110 College Algebra	3.0	MAT 102 or equivalent – Minimum grade of C	<input type="checkbox"/>
*MAT 111 College Trigonometry	3.0	MAT 110 or equivalent – Minimum grade of C	<input type="checkbox"/>
*MAT 240 Analytical Geometry and Calculus II	4.0	MAT 141 or equivalent – Minimum grade of C	<input type="checkbox"/>
*MAT 242 Differential Equations	4.0	MAT 240 or equivalent – Minimum grade of C	<input type="checkbox"/>
*MUS 105 Music Appreciation	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*PHI 101 Introduction to Philosophy	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*PHI 110 Ethics	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*PSC 201 American Government	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*PSC 215 State and Local Government	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*PSC 220 Introduction to International Relations	3.0	ENG 032 or equivalent	<input type="checkbox"/>
*SPC 205 Public Speaking	3.0	ENG 032 or equivalent	<input type="checkbox"/>

* Courses in this program that require a minimum grade of “C.”

@Approved electives are determined by specialization and are listed separately at the end of the document.

Graduation Plan

*THE 101 Introduction to Theater	3.0	ENG 032 or equivalent	<input type="checkbox"/>
----------------------------------	-----	-----------------------	--------------------------

* Courses in this program that require a minimum grade of "C."

@Approved electives are determined by specialization and are listed separately at the end of the document.