

ASSOCIATE OF SCIENCE WORKSHEET emphasis in ENGINEERING

Courses prerequisite to another class require a minimum grade of "C" in order to advance to the next course.

Section Completed	Completed	Discipline	Class #	Class Name	Hours
College Required Courses					
First-time, full-time students must complete both courses					
<input type="checkbox"/>	<input type="checkbox"/>	ORT	1101	Freshman Orientation	1
English/Communications - 6 Credit Hours Total					
Both courses are required					
<input type="checkbox"/>	<input type="checkbox"/>	ENG	1113	English Composition I Prerequisite: Compliance with NPCC placement test standards	3
	<input type="checkbox"/>	ENG	1123	English Composition II Prerequisite: ENG 1113 English Composition I	3
Mathematics - 4 Credit Hours Total					
<input type="checkbox"/>	<input type="checkbox"/>	MATH	2214	Calculus I Prerequisite: MATH 1123 College Algebra or high school Algebra II and Math 1133 Trigonometry taken previously or concurrently with this course.	4
	<input type="checkbox"/>	MATH		Any Mathematics Course Higher than Calculus I	4
Lab Sciences - 16 Credit Hours Total					
All of the following courses are required					
<input type="checkbox"/>	<input type="checkbox"/>	CHEM	1204	General Chemistry I Pre- or Corequisite: MATH 1123 College Algebra	4
	<input type="checkbox"/>	CHEM	2204	General Chemistry II Prerequisite: CHEM 1203 General Chemistry I	4
	<input type="checkbox"/>	PHYS	2114	University Physics I Pre- or Corequisite: MATH 2224 Calculus II	4
	<input type="checkbox"/>	PHYS	2124	University Physics II Prerequisite: PHYS 2114 University Physics I	4

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Fine Arts/Humanities - Section I - 3 Credit Hours Total					
Select one of the following courses					
<input type="checkbox"/>	<input type="checkbox"/>	ART	1593	Art Appreciation	3
	<input type="checkbox"/>	MUS	1213	Music Appreciation	3
	<input type="checkbox"/>	PHIL	1123	Introduction to Philosophy	3
	<input type="checkbox"/>	PHIL	1133	Fundamentals of Ethics	3
	<input type="checkbox"/>	SPAN	1103	Spanish I	3
	<input type="checkbox"/>	SPAN	1113	Spanish II Prerequisite: SPAN 1103-Beginning Spanish I or equivalent	3
	<input type="checkbox"/>	TART	1153	Introduction to Theatre	3
Social Sciences - Section I - 3 Credit Hours Total					
Select one of the following courses					
<input type="checkbox"/>	<input type="checkbox"/>	HIST	2223	U.S. History to 1865	3
	<input type="checkbox"/>	HIST	2233	U.S. History Since 1865	3
	<input type="checkbox"/>	POLS	1113	American National Government	3
Social Sciences - Section II - 3 Credit Hours Total					
Select one of the following courses					
<input type="checkbox"/>	<input type="checkbox"/>	HIST	2253	World Civilization To 1500	3
	<input type="checkbox"/>	HIST	2263	World Civilization Since 1500	3
Directed Electives - 27 Credit Hours Total					
All of the following courses are required.					
<input type="checkbox"/>	<input type="checkbox"/>	MATH	2224	Calculus II Prerequisites: Math 2214 Calculus I and MATH 1133 Trigonometry	4
	<input type="checkbox"/>	MATH	2254	Calculus III Prerequisite: MATH 2224 Calculus II	4
	<input type="checkbox"/>	MATH	2XX3	Differential Equations	3
	<input type="checkbox"/>	MCEG	2XX2	Introduction to Engineering	2
	<input type="checkbox"/>	MCEG	2XX2	Engineering Graphics	2
	<input type="checkbox"/>	MCEG	2XX3	Engineering Materials	3
	<input type="checkbox"/>	MCEG	2XX3	Computational Methods	3
	<input type="checkbox"/>	ELEG	2XX3	Electrical Circuits I	3
	<input type="checkbox"/>	MCEG	2XX3	Statics	3

Minimum Total Credit Hours: **63**