

Associate in Science, Concentration: Engineering - Computer Science Option

Degree Type

A.S.

Success Guide

Area I - Written Composition (6 Credits)

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION	3
ENG 102	ENGLISH COMPOSITION II	3

Area II - Humanities & Fine Arts (9 Credits)

Literature

Choose from:

Item #	Title	Credits
ENG 251	AMERICAN LITERATURE I	3
ENG 252	AMERICAN LITERATURE II	3
ENG 261	ENGLISH LITERATURE I	3
ENG 262	ENGLISH LITERATURE II	3
ENG 271	WORLD LITERATURE I	3
ENG 272	WORLD LITERATURE II	3

Fundamentals of Oral Communication or Public Speaking

Choose from:

Item #	Title	Credits
SPH 106	FUNDAMENTALS OF ORAL COMMUNICATION	3
SPH 107	FUNDAMENTALS OF PUBLIC SPEAKING	3

Fine Arts

Choose from:

Item #	Title	Credits
ART 100	ART APPRECIATION	3
ART 203	ART HISTORY I	3
ART 204	ART HISTORY II	3
MUS 101	MUSIC APPRECIATION	3
THR 120	THEATER APPRECIATION	3
THR 126	INTRODUCTION TO THEATER	3

Area III - Natural Sciences & Mathematics (12 Credits)

Item #	Title	Credits
MTH 125	CALCULUS I	4
PHY 213	GENERAL PHYSICS WITH CALCULUS I	4
PHY 214	GENERAL PHYSICS WITH CALCULUS II	4

Area IV - History, Social, & Behavioral Sciences (9 Credits)

History Sequence*

Item #	Title	Credits
HIS 101	WESTERN CIVILIZATION I	3
HIS 102	WESTERN CIVILIZATION II	3

-OR-

Item #	Title	Credits
HIS 201	UNITED STATES HISTORY I	3
HIS 202	UNITED STATES HISTORY II	3

History, Social, & Behavioral Sciences

Choose from:

Item #	Title	Credits
ECO 231	PRINCIPLES OF MACROECONOMICS	3
ECO 232	PRINCIPLES OF MICROECONOMICS	3
GEO 100	WORLD REGIONAL GEOGRAPHY	3
POL 211	AMERICAN NATIONAL GOVERNMENT	3
PSY 200	GENERAL PSYCHOLOGY	3
PSY 210	HUMAN GROWTH AND DEVELOPMENT	3
SOC 200	INTRODUCTION TO SOCIOLOGY	3
SOC 210	SOCIAL PROBLEMS	3

Area V - Pre-Professional, Major, & Elective Courses (25 Credits)

CIS Elective

Choose from:

Item #	Title	Credits
CIS 146	COMPUTER APPLICATIONS	3
CIS 251	C++ PROGRAMMING	3

Mathematics Elective

Item #	Title	Credits
MTH 126	CALCULUS II	4
MTH 227	CALCULUS III	4
MTH 237	LINEAR ALGEBRA	3

Science Elective

Choose from:

Item #	Title	Credits
AST 220	INTRODUCTION TO ASTRONOMY	4
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
CHM 104	INTRODUCTION TO CHEMISTRY I	4
CHM 105	INTRODUCTION TO CHEMISTRY II	4
CHM 111	COLLEGE CHEMISTRY I	4
CHM 112	COLLEGE CHEMISTRY II	4
PHS 111	PHYSICAL SCIENCE I	4
PHS 112	PHYSICAL SCIENCE II	4
PHY 120	INTRODUCTION TO PHYSICS	4
PHY 201	GENERAL PHYSICS I -TRIG BASED	4
PHY 202	GENERAL PHYSICS II-TRIG BASED	4
Item #	Title	Credits
	Area V Electives (7 Credits)	7

**Must take a 6-credit hour sequence in history.*

Total Credits	61
----------------------	-----------