

Engineering Technology
Associate in Science

Concentration Requirements		Credit Hours
COMP 138	Visual Basic Programming	3
MATH 120	Elementary Statistics	3
MATH 130	Calculus I.....	5
PHYS 208	Engineering Physics II (preferred) <i>or</i>	
PHYS 205	College Physics II.....	5
	Concentration Electives*	16
	Total	32

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II.....	3
COMM 101	Fundamentals of Speech	3
PED 116	Lifetime Fitness	1
BIOL 120	Biology with Lab	5
PHYS 203	Engineering Physics I (preferred) <i>or</i>	
PHYS 201	College Physics I	5
	Humanities Electives	6
	Social and Behavioral Science Electives	6
	Total	32
	Program Total	64

***Concentration Electives (choose 16 credit hours)**

MATH 125	Trigonometry (3)
MATH 131	Calculus II (5)
MATH 201	Calculus III (5)
MATH 202	Differential Equations (3)
CHEM 120	Introduction to Chemistry (5)
CHEM 124	College Chemistry I (5)
CHEM 204	Organic Chemistry I (5)
PHYS 210	Statics (3)
COMP 135	C++ Programming (3)
INDU 125	Fundamentals of Electronics (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 105.

College Success Skills (LEAR 101) is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Engineering Technology
Associate in Science
Four Semester Plan

Semester 1 *

Course #	Course Title
ENGL 101	English Composition I (3)
MATH 130	Calculus I (5)
PED 116	Lifetime Fitness (1)
COMM 101	Fundamentals of Speech (3)
MATH 120	Elementary Statistics (3)
Semester Hours (15) Cumulative Hours (15)	

Semester 2

Course #	Course Title
ENGL 102	English Composition II (3)
MATH 131	Calculus II (5)
BIOL 120	Biology with lab (5)
COMP 138	Visual Basic Program (3)
	Social and Behavioral Science Elective (3)
Semester Hours (19) Cumulative Hours (34)	

Semester 3

Course #	Course Title
PHYS 201	College Physics I <i>or</i>
PHY 203	Engineering Physics (preferred) (5)
CHEM 124	College Chemistry I (5)
COMP 135	C++ Programming (3)
	Humanities Elective (3)
Semester Hours (16) Cumulative Hours (50)	

Semester 4

Course #	Course Title
PHYS 205	College Physics II (5)
	Social Science Elective (3)
	Humanities Elective (3)
	Concentration Elective (3)
Semester Hours (14) Cumulative Hours (64)	

*** College Success Skills should be taken the first semester.**