

ENGINEERING—ELECTRICAL AND COMPUTER

Associate in Science

General Education Courses

Arts & Humanities

General Education Matrix (Arts & Humanities)	3
General Education Matrix (Arts & Humanities)	3

Written Communications

ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
or ENGL 125	Introduction to Professional Writing	

Oral Communications

COMM 110	Fundamentals of Public Speaking	3
----------	---------------------------------	---

Math, Science & Technology

CHEM 121	General Chemistry I	4
CHEM 121L	General Chemistry I Lab	1
PHYS 251	University Physics I	4
PHYS 251L	University Physics I Lab	1
MATH 165	Calculus I	4
MATH 166	Calculus II	4

Social & Behavioral Sciences

ECON 201	Principles of Microeconomics	3
General Education Matrix (Social & Behavioral Sciences)		3

Enrichment

Enrichment Course Matrix - may be fulfilled with applicable Arts & Humanities course

Diversity

General Education Matrix - may be fulfilled with applicable Arts & Humanities course or Social & Behavioral Sciences course

Total Credits	39
---------------	----

Engineering Requirements

PHYS 252	University Physics II	4
PHYS 252L	University Physics II Lab	1
MATH 227	Applied Linear Algebra	3
MATH 265	Calculus III	4
MATH 266	Introduction to Differential Equations	3
EE 206	Circuit Analysis	3
EE 206L	Circuit Analysis Lab	1

Total Required Credits for Electrical and Computer Engineering	58
---	-----------

Engineering Electives

CIS 185	Introduction to Programming	3
CSCI 160	Computer Science I	4
ENGR 201	Statics	3
ENGR 202	Dynamics	3
ENGR 203	Mechanics of Materials	3
ENGR 241	Thermodynamics I	3

Classes taught at other institutions (discuss with your advisor)	4
--	---

College Degree Requirements

General Education & Diversity Course Matrix Requirements