

**APPLIED ELECTRONICS AND COMPUTER TECHNOLOGY
DEPARTMENT CHAIR: WILLIAM DOLAN, 207-453-5111**

APPLIED ELECTRONICS AND COMPUTER TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE

First Semester

ENG108	Technical Writing	3
ETC 101*	Managing Desktop Applications	1
ETC110*	Computer Technology Support I	3
ETC112*	Information Technology Fundamentals	3
ETC113*	Electrical Circuits I	3
MAT 114	Technical Math	3

Third Semester

COM104	Introduction to Communication OR	
COM105	Interpersonal Communication	3
ETC212*	Network Operating System I	3
ETC220*	Microcontrollers with C Programming	3
ETC225*	Analog Circuits	3
ETC240*	Electronic Communication Systems	3
ETC244*	Robotics Lab	1

Second Semester

ETC114*	Electrical Circuits II	3
ETC119*	Digital Systems with C Programming	3
ETC125*	Semiconductor Devices	3
ETC250*	Computer Technology Support II	3
MAT 214	Technical Math II	3

Fourth Semester

ETC213*	Network Operating Systems II	3
ETC241 *	Computer Network Systems	3
ETC245*	Networking Applications Lab	1
_____	General Education Elective	3
_____	Humanities Elective	3
_____	Social Science Elective	3

Total Credits 63

APPLIED ENGINEERING TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE

First Semester

COM104	Introduction to Communication OR	
COM105	Interpersonal Communication	3
ENG101	College Composition	3
ETC 101*	Managing Desktop Applications	1
ETC110	Computer Technology Support I	3
ETC113*	Electrical Circuits I	3
MAT 117	College Algebra	3

Third Semester

ETC220*	Microcontrollers with C Programming	3
ETC225*	Analog Circuits	3
ETC240*	Electronic Communication Systems	3
ETC244*	Robotics Lab	1
PHY111	Elements of Physics	4

Second Semester

ETC114*	Electrical Circuits II	3
ETC119*	Digital Systems with C Programming	3
ETC125*	Semiconductor Devices	3
ETC250*	Computer Technology Support II	3
MAT 226	Precalculus	4

Fourth Semester

ETC241 *	Computer Network Systems	3
ETC245*	Networking Applications Lab	1
PHY211	Elements of Physics II	4
_____	Humanities Elective	3
_____	Social Science Elective	3

Total Credits 63

COMPUTER TECHNOLOGY CERTIFICATE

First Semester

ETC101*	Managing Desktop Applications	1
ETC110*	Computer Technology Support I	3
ETC112*	Information Technology Fundamentals	3
ETC212*	Network Operating System I	3
MAT 114	Technical Math	3

Second Semester

ENG108	Technical Writing	3
ETC213*	Network Operating Systems II	3
ETC241 *	Computer Network Systems	3
ETC245*	Networking Applications Lab	1
ETC250*	Computer Technology Support II	3

Total Credits 26

CRITERIA FOR GRADUATION

Students must successfully complete the required 63 credits in the AECT or the AET program. Students must successfully complete the required 26 credits in the computer certificate program and achieve a minimum grade of "C" in all core courses(*). Students must attain a final GPA of 2.0 or higher.