EFFECTIVE 2024 FALL:
THIS PROGRAM IS IN TEACH-OUT STATUS.
NO NEW STUDENTS WILL BE ENROLLED 2024 FALL OR AFTER.
CURRENT STUDENTS MUST COMPLETE THE PROGRAM BY 2026 SPRING. THE LAST
SEMESTER THESE CLASSES WILL BE OFFERED WILL BE 2026 SPRING.

Program Completion Guide
ASSOCIATE IN APPLIED SCIENCE - COMPUTER ENGINEERING TECHNOLOGY (A40160)
Computer Engineering Technician

Student Name: _____ ID #: _____ Date of Enrollment: _____

Advisor Name: _____ Contact Information: _____

Note: Developmental coursework may be required. Please refer to the Developmental Education Guide for additional information.

A. Computer Engineering Technology Certificate (C40160) Course Requirement 18 Credit hours: Complete Section A.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
CIS 115 Introduction to Programming & Logic	3	1st year - fall	Pre: MAT 025		
CTS 120 Hardware/Software Support*	3	1st year - fall	None		
ELC 131 Circuit Analysis I*	4	1st year - fall	Pre: MAT 035		
ELN 131 Analog Electronics*	4	1st year - spring	Pre: ELC 131		
ELN 133 Digital Electronics*	4	1st year - spring	Pre: ELC 112 or ELC 131		

B. Computer Engineering Technology Associate in Applied Science Degree (A40160) Course Requirements 67 credit hours: Complete Sections A and B.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
ACA 122 College Transfer Success	1	1st year - fall	None		
ENG 111 Writing and Inquiry	3	1st year - fall	Pre: ENG 025 Co: None		
MAT 171 Precalculus Algebra	4	1st year - fall	Pre: MAT 035		
CTS 220 Advanced Hard/Software Support*	3	1st year - spring	Pre: CTS 120		
COM 231 Public Speaking or ENG 112 Writing/Research in the Disciplines	3	1st year - spring	None / Pre: ENG 111 with a grade of "C" or better.		
MAT 172 Precalculus Trigonometry	4	1st year - spring	Pre: MAT 171 with a grade of "C" or better.		
DFT 151 CAD I	3	2nd year – fall	Pre: ENG 025, MAT 035		
ELN 232 Introduction to Microprocessors*	4	2nd year – fall	Pre: ELN 133		
ELN 260 Prog Logic Controllers	4	2nd year – fall	Pre: ELC 112 or ELC 131		
NOS 120 Linux/Unix Singer User	3	2nd year – fall	Pre: CTS 120 or NOS 130		
ATR 112 Intro to Automation	3	2nd year - spring	Pre: ELN 260		
CSC 153 C# Programming*	3	2nd year – spring	Pre: CIS 115		
EGR 285 Design Project	2	2nd year - spring	Pre: ELN 131, ELN 133, ELN 260		

or WBL 111 Work-Based Learning I	1		Pre: 9 or 14 SHC in the major core courses depending on program Co: WBL 115		
and WBL 115 Work-Based Learning Seminar I	1		Pre: 9 or 14 SHC in the major core courses depending on program Co: WBL 111		
NET 125 Introduction to Networks	3	2nd year - spring	Pre: CTI 120		

Electives: (Must take one Humanities/Fine Arts and one Social/Behavioral Sciences elective from lists below unless a specific course is required above.)

Humanities/Fine Arts Electives (3 credit hours)** (Courses with the following prefixes will satisfy this requirement: ART, DRA, ENG (literature courses only), HUM, MUS, PHI, REL, and SPA (Intermediate Spanish I only).			
Courses offered at RCC: ART 111, DRA 111, ENG 231, ENG 232, MUS 110, PHI 240, REL 211, REL 212			
Course	**Recommended Semester**	**Semester Registered/Planned**	**Semester Completed/Grade**
	2nd year - spring		

Social/Behavioral Sciences Electives (3 credit hours)** (Courses with the following prefixes will satisfy this requirement: ANT, ECO+, GEO, HIS, POL, PSY, and SOC) +Some business and accounting curricula require economics and do not accept ECO courses as fulfillment of this elective requirement.)			
Courses offered at RCC: ANT 220, HIS 111, HIS 112, HIS 131, HIS 132, PSY 150, PSY 241, SOC 210, SOC 213			
Course	**Recommended Semester**	**Semester Registered/Planned**	**Semester Completed/Grade**
	2nd year - fall		

NOTES: *All courses must be completed with a grade of "C" or better.

**See course catalog for prerequisite and/or corequisite requirements.

Students please read the following and sign below.

I understand that as an RCC student, I am ultimately responsible for my schedule. I understand that I must complete each course with a grade of "C" or better and follow the established course sequence or my ability to graduate on time may be affected.

My advisor has information regarding other colleges and transfer opportunities that I can investigate after completing my degree/diploma/certificate, and I understand that if I would like more information I can schedule an appointment with him/her.

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____