Program Completion Guide
ASSOCIATE IN APPLIED SCIENCE
INFORMATION TECHNOLOGY: SOFTWARE AND WEB DEVELOPMENT (A25590C)
with COMPUTER PROGRAMMING SPECIALIST (C25590C2)

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. Information Technology: Computer Programming Specialist (Certificate) (C25590C2) Course Requirements 18 credit hours: Complete Section A.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
CIS 115 Introduction to Programming and Logic	3	1st year - fall	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111		
CTI 110 Web, Pgm, & DB Foundation*	3	1st year - fall	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111		
CTI 120 Network & Sec Foundation*	3	1st year - fall	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111		
CSC 153 C# Programming*	3	1st year - spring	Pre: CIS 115		
WEB 140 Web Development Tools	3	1st year - spring	Pre: CTI 110		
CSC 151 Java Programming*	3	2nd year - fall	Pre: CIS 115		

B. Information Technology: Software and Web Development (Diploma) (D25590C) Course Requirements 46 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		
CTS 120 Hardware/Software Support*	3	1st year - fall	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111		
CTS 115 Info Sys Business Concepts*	3	1st year - spring	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111		
NET 125 Introduction to Networks	3	1st year - spring	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111		
ENG 111 Writing and Inquiry	3	1st year - summer	Pre: ENG 002 or BSP 4002 Co: ACA 122, ENG 011		
MAT 143 Quantitative Literacy	3	1st year - summer	Pre: MAT 003 Tier 2 or BSP 4003 Tier 2, ENG 002 or BSP 4002 or ENG 111 Co: ACA 122, MAT 043 with MAT 003		
COM 231 Public Speaking **or**	3	2nd year - fall	Pre: ENG 002 or BSP 4002 or ENG 111		

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
ENG 112 Writing/Research in the Disciplines			Pre: ENG 111		
NOS 120 Linux/UNIX Single User	3	2nd year - fall	Pre: CTS 120		
DBA 120 Database Programming I*	3	2nd year - fall	Pre: CTI 110		
WEB 141 Mobile Interface Design	3	2nd year - fall	Pre: CTI 110		
WEB 250 Database Driven Websites	3	2nd year - spring	Pre: CTI 110 Co: WEB 140 and DBA 110 or DBA 120		

C. Information Technology: Software and Web Development (A25590C) Course Requirements 64-65 credit hours: Complete Sections A, B, and C.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
CTS 289 System Support Project or WBL 111 Work-Based Learning I and WBL 115 Work-Based Learning Seminar I	3 1 1	2nd year - spring	Pre: CTI 110, CTI 120, CTS 115 and permission of IT lead instructor Pre: 9 or 14 SHC in Major Core Courses depending on program Co: WBL 115 Pre: 9 or 14 SHC in Major Core Courses depending on program Co: WBL 111		
SEC 110 Security Concepts	3	2nd year - spring	Pre: CTI 120		

Required Subject Area:

IT Software and Web Development Electives (Select 4 credit hours from the following courses)
ACC 115, ACC 120, BUS 110, BUS 115, BUS 125, BUS 137, BUS 139, BUS 230, BUS 260, CHI 111, CIS 110, CIS 111, CTS 130, CTS 155, DBA 110, ECO 251, ECO 252, HBI 110, HMT 110, MKT 120, MKT 221, MKT 233, NOS 230, OST 136, OST 137, PMT 110, PMT 210, PMT 215, SEC 160, SPA 111, SPA 120. **Note**: Only 3 SHC of SPA are allowed towards the Information Technology degree.

Course	Recommended Semester	Semester Registered/Planned	Semester Completed/Grade
	2nd year - spring		

Electives: (All degree seeking students 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, ART 131, DRA 111, ENG 131, ENG 241, ENG 262, ENG 272, MUS 110, PHI 240, REL 211, REL 212

Course	Recommended Semester	Semester Registered/Planned	Semester Completed/Grade
	1st year - summer		

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 121, HIS 122, HIS 131, HIS 132, HIS 236, POL 120, PSY 150, PSY 241, SOC 210, SOC 213

Course	Recommended Semester	Semester Registered/Planned	Semester Completed/Grade
	1st year - summer		

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: _____

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