Program Completion Guide
ASSOCIATE IN APPLIED SCIENCE
INFORMATION TECHNOLOGY: SOFTWARE AND WEB DEVELOPMENT SPECIALIST (A25590C) (ONLINE)

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

Advisor Name: _____ **Contact Information:** _____

Students must meet eligibility to take college-level coursework through placement tests or other measures. Please see the Student Handbook for further information.

Information Technology: Software and Web Development (ONLINE) (A25590C) Course Requirements 64-65 credit hours.

Courses**	Cr.	Recommended Semester	Semester Registered/ Planned	Semester Completed/ Grade
ACA 122 College Transfer Success	1	1st year - fall		
CIS 115 Introduction to Programming and Logic	3	1st year - fall		
CTI 110 Web, Pgm, & DB Foundation*	3	1st year - fall		
CTI 120 Network & Sec Foundation*	3	1st year - fall		
CTS 120 Hardware/Software Support*	3	1st year - fall		
CTS 115 Info Sys Business Concepts*	3	1st year - spring		
NET 125 Introduction to Networks*	3	1st year - spring		
WEB 140 Web Development Tools	3	1st year - spring		
ENG 111 Writing and Inquiry	3	1st year - summer		
MAT 143 Quantitative Literacy	3	1st year - summer		
COM 231 Public Speaking or ENG 112 Writing/Research in the Disciplines	3	2nd year - fall		
CSC 151 Java Programming*	3	1st year - spring		
CSC 251 Advanced JAVA Programming	3	2nd year – fall		
DBA 120 Database Programming I*	3	2nd year - fall		
NOS 120 Linux/UNIX Single User	3	2nd year - fall		
WEB 141 Mobile Interface Design	3	2nd year - fall		
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		
SEC 110 Security Concepts	3	2nd year - spring		
WEB 250 Database Driven Websites	3	2nd year -spring		

Required Subject Area:

IT Software and Web Development Elective (Select 4 credit hours from the following courses)
ACC 120, BUS 110, BUS 115, BUS 125, BUS 137, BUS 139, BUS 230, BUS 260, CIS 110, CSC 153, CTS 130, ECO 251, ECO 252, HBI 110, HMT 110, HMT 210, MED 121, MKT 120, NOS 130, NOS 230, OST 136, OST 137, PMT 110, PMT 210, PMT 215, SEC 160, SPA 111. **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 elective.)

Humanities/Fine Arts Elective (3 credit hours): Courses offered at RCC:
ART 111, ENG 231, MUS 110, PHI 240, REL 211, REL 212

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

Electives:** (All degree-seeking students must take one Social/Behavioral Sciences elective.)

Social/Behavioral Sciences Elective (3 credit hours): Courses offered at RCC:			
ANT 220, 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 a RichmondCC 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 and financial aid may be affected.

My advisor and the Career and Transfer Center has information regarding other colleges and transfer opportunities and job opportunities that I can investigate after completing my degree, and I understand that if I would like more information I can schedule an appointment with him/her or contact the Career and Transfer Center.

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: _____

The courses listed on this program guide are the courses currently offered online through Richmond Community College. Please speak to your advisor if you have taken courses at another college or university.

In order to receive the **Information Technology: WEB Development Specialist (C25590C1)** the following courses must be taken: CIS 115, CTI 110, DBA 120, WEB 140, WEB 141, and WEB 250.

In order to receive the **Information Technology: Computer Programming Specialist Certificate (C25590C2)** the following courses must be taken: CIS 115, CTI 110, CTI 120, CSC 151, CSC 251, and WEB 140.

In order to receive the **Information Technology: Mobile Applications Development Specialist (C25590C3)** the following courses must be taken: CIS 115, CTI 110, CTI 120, CSC 151, WEB 141, and WEB 140.

In order to earn the **Information Technology: Software and WEB Development Diploma (D25590C)** the 46 required credits in the following courses must be taken: ACA 122, CIS 115, COM 231 or ENG 112, CSC 151, CSC 251, CTI 110, CTI 120, CTS 115, CTS 120, DBA 120, ENG 111, MAT 143, NOS 120, WEB 140, WEB 141, and WEB 250.

The following courses are part of the North Carolina Articulation Agreement: ACC 120, ART 111, BUS 110, BUS 115, BUS 137, CIS 110, CIS 115, COM 231, CSC 151, ECO 251, ECO 252, ENG 111, ENG 112, ENG 231, ENG 232, MAT 143, MUS 110, PHI 240, and SPA 111. The North Carolina Comprehensive Articulation Agreement is a statewide agreement governing transfer credits from North Carolina community colleges to North Carolina public universities and participating private universities. RichmondCC cannot guarantee the transfer of courses to out-of-state universities.