INFORMATION TECHNOLOGY-BUSINESS SOLUTIONS, POST-DEGREE PROFESSIONAL CERTIFICATE

Nearly all organizations rely on computer and information technology (IT) to conduct business and operate efficiently. Business Solutions Developers (also called Computer Systems Analysts and Systems Analysts) use IT tools to help organizations of all sizes achieve their goals. They may design and develop new business systems or enhance existing business systems by implementing new technological solutions.

Program contact: Learn more

This program is available to be completed 100% online.

This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Learn more about how certificate credits apply to the related degree.

Program Admission Requirements

- Program requires students to have completed an associate degree or higher.

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

1. Operate in a diverse team environment with professionalism, integrity and accountability.
2. Adapt to change within their profession by demonstrating a commitment to continuous learning.
3. Plan, organize and prioritize tasks in order to meet project deadlines.
4. Effectively utilize personal management skills, problem solving and knowledge of the organization to identify and improve an organizations performance.
5. Leverage electronic technology and integrate with existing systems to solve business problems.
6. Develop, test, implement and maintain program interfaces (such as websites), supporting structures (such as back-end databases), and delivery platforms

7. Communicate orally and in writing to present clearly and effectively to a variety of business audiences including clients, colleagues and other professionals.

Suggested Semester Sequence

Summer Start		Credit Hours
IT-1025	Information Technology Concepts for Programmers	3
IT-1050	Programming Logic	3
	Credit Hours	**6**
First Semester		
IT-2310	Web Programming	3
IT-2351	Enterprise Database Systems	4
Select one of the following:		4
IT-2680	Visual C# .NET	
IT-2070	Introduction to Data Science and Analytics	
	Credit Hours	**11**
Second Semester		
IT-2600	E-Business Programming Technologies	3
IT-2700	Systems Analysis and Design	3
	Credit Hours	**6**
	Total Credit Hours	**23**

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.