

# INFORMATION TECHNOLOGY - BUSINESS SOLUTIONS, ASSOCIATE OF APPLIED BUSINESS



The Associate of Applied Business degree in Information Technology (Business Solutions) integrates technology, business, marketing, critical thinking, communication, team work and problem solving with a co-op to prepare for an entry level job in Business Solution Development or, for the progression to a four year degree.

**This program is available to be completed 100% online.**

**Program contact:** Learn more

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

## Program Admission Requirements

- High School Diploma/GED
- ENG-0995 Applied College Literacies or appropriate score on English Placement Test.

## Other Information

- Requires students to participate in several co-op experiences.

## Program Learning Outcomes

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

1. Communicate orally and in writing to present clearly and effectively to a variety of business audiences including clients, colleagues, and other professionals.
2. Operate in a diverse team environment with professionalism, integrity, and accountability.
3. Adapt to change within their profession by demonstrating a commitment to continuous learning.
4. Apply foundational business management concepts, supply chain management principles, marketing and sales functions, and financial and accounting skills to interface between IT development and the stakeholder to meet or exceed their expectations.
5. Plan, organize, and prioritize tasks in order to meet project deadlines.
6. Effectively utilize personal management skills, problem solving, and knowledge of the organization to identify and improve an organization's performance.

7. Leverage electronic technology and integrate with existing systems to solve business problems.
8. Develop, test, implement, and maintain program interfaces (such as websites), supporting structures (such as back-end databases), and delivery platforms.

## Suggested Semester Sequence

First Semester		Credit Hours
BADM-1020	Introduction to Business	3
IT-1025	Information Technology Concepts for Programmers	3
IT-1050	Programming Logic	3
ACCT-1311	Financial Accounting	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
<b>Credit Hours</b>		<b>15</b>

Second Semester		Credit Hours
IT-2310	Web Programming	3
ECON-2000	Principles of Microeconomics	3
IT-2070	Introduction to Data Science and Analytics	3
Select one of the following:		3
BADM-2010	Business Communications	
BADM-201H	Honors Business Communications	
Select one of the following:		3-4
MATH-1410	Elementary Probability and Statistics I	
MATH-2010	Introduction to Discrete Mathematics	
<b>Credit Hours</b>		<b>15-16</b>

Summer Session		Credit Hours
BADM-2830	Cooperative Field Experience	1
<b>Credit Hours</b>		<b>1</b>

Third Semester		Credit Hours
IT-2351	Enterprise Database Systems	4
IT-2700	Systems Analysis and Design	3
IT-2080	Data Visualization	4
IT-2090	Data Analytics Programming	4
<b>Credit Hours</b>		<b>15</b>

Fourth Semester		Credit Hours
IT-2600	E-Business Programming Technologies	3
Select one of the following:		3
MARK-2010	Principles of Marketing	
ECON-2010	Principles of Macroeconomics	
BADM-XXXX	Business Elective	
Select one of the following:		3
PHIL-2020	Ethics	
PHIL-202H	Honors Ethics	
Select one of the following:		3
COMM-1010	Fundamentals of Speech Communication	
COMM-101H	Honors Speech Communication	

Social and Behavioral Sciences requirement	3
<b>Credit Hours</b>	<b>15</b>
<b>Total Credit Hours</b>	<b>61-62</b>

<sup>2</sup> Cannot also be selected to fulfill open Business Elective.

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.