

# Associate of Science in Computer Technology

The Associate of Science in Computer Technology provides practical knowledge and skills designed to help prepare you for technical positions in information and related computer industries, regardless of your background. Pursuing this degree will afford you the opportunity to complement your mandatory industry certifications, such as CompTIA Security+® and CompTIA A+®, with a degree. The program covers a variety of core subjects to include soft skills in human relations, basic computing, web development fundamentals, productivity applications, and programming essentials. Additional electives allow you to choose from dozens of specific courses in order to advance your knowledge and skills in the information technology arena. Successful completion of this online program helps prepare you for a bachelor's degree in the computer and information technology field.

After completing this associate degree in computer technology, you may consider pursuing your Microsoft Office® Specialist (MOS) Excel and Certified Internet Webmaster (CIW®) certifications. Please view course descriptions for complete details.

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## Degree Program Objectives

In addition to the institutional and degree level learning objectives, graduates of this program are expected to achieve these learning outcomes:

- Explain the value of using effective interpersonal skills to communicate and collaborate.
- Identify computing requirements appropriate to solve problems.
- Build a basic computer system using appropriate hardware and software technologies.
- Apply current techniques, skills, and tools for application use and web development.
- Demonstrate the use of technology in an assigned project.

## Degree at a Glance

Code	Title	Semester Hours
	General Education Requirements	30
	Major Required	15
	Final Program Requirements	3
	Elective Requirements	12
	Total Semester Hours	60

## Degree Program Requirements

### General Education Requirements (30 semester hours)

Code	Title	Semester Hours
<b>Arts and Humanities (6 semester hours)<sup>1</sup></b>		
STEM270	Thinking and Acting Ethically	3
Select 1 course from the following:		3
ARAB100	Arabic I	
ARAB101	Arabic II	
ARTH200	Art Appreciation	
ARTH241	Film and Literature	
DSIN141	Image Enhancement using Adobe Photoshop	
FREN100	French I	
FREN101	French II	
GERM100	German I	
GERM101	German II	
JAPN100	Introduction to Japanese	
LITR215	Literature of American Encounters, Revolution, and Rebellion	
LITR218	From Abolition to #MeToo: Literature of the American Civil Rights Movement	
LITR222	Pivotal Figures in Early British Literature	
LITR225	British Literature from Wordsworth through the Wasteland	
LITR231	Leadership in World Literature: Antiquity to the Early Modern Period	
LITR233	Literature of the Newly Globalized World: The Individual's Struggle to Adapt	
MUSI200	Music Appreciation	
MUSI250	World Music and Cultures	
PHIL101	Introduction to Philosophy	
PHIL110	Critical Thinking	
PHIL200	Introduction to Ethics	

PHIL202	Philosophy of Science	
PORT100	Introduction to Brazilian Portuguese	
RELS201	Introduction to World Religions	
RUSS100	Russian I	
SPAN100	Spanish I	
SPAN101	Spanish II	
<b>Civics, Political and Social Sciences (6 semester hours) <sup>1</sup></b>		
STEM280	Exploring Society and Cultures via Science Fiction	3
Select 1 course from the following:		3
ANTH100	Introduction to Anthropology	
ANTH202	Introduction to Cultural Anthropology	
CHFD220	Human Sexuality	
COMM211	Social Media and Society	
COMM240	Intercultural Communication	
ECON101	Microeconomics	
ECON102	Macroeconomics	
EDUC200	Humane Education: A Global Interdisciplinary Perspective	
GEOG101	Introduction to Geography	
HOSP110	Practical Food Safety and Awareness	
IRLS210	International Relations I	
POLS210	American Government I	
LITR212	Forgotten America--Under Represented Cultures in American Literature	
LITR235	Four Points of the Compass: Culture and Society Around the World	
POLS101	Introduction to Political Science	
PSYC101	Introduction to Psychology	
SOCI111	Introduction to Sociology	
SOCI212	Social Problems	
SOCI220	American Popular Culture	
<b>Communication: Writing, Oral, and Multimedia (9 semester hours)</b>		
COMM120	Information and Digital Literacy	3
ENGL110	Making Writing Relevant	3
ITCC231	Introduction to Information Technology Writing	3
<b>History (3 semester hours)</b>		
STEM185	The History and Context of STEM	3
<b>Mathematics and Applied Reasoning (3 semester hours)</b>		
MATH110	College Algebra	3
<b>Natural Sciences (3 semester hours)</b>		
STEM100	Introduction to STEM Disciplines	3
Total Semester Hours		30

<sup>1</sup> All literature courses require successful completion of ENGL101 - Proficiency in Writing or ENGL110 - Making Writing Relevant.

## Major Required (15 semester hours)

Code	Title	Semester Hours
Select 5 courses from the following:		
15		
MGMT100	Human Relations	
ITCC121	Introduction to Computer Science	
ITCC112	Advanced Productivity Applications	
ENTD200	Fundamentals of Programming	
WEBD121	Web Development Fundamentals	
ITMG221	IT Project Management	
Total Semester Hours		15

## Final Program Requirements (3 semester hours)

Code	Title	Semester Hours
ITCC298	Computer Technology Intermediate Capstone	3
Total Semester Hours		3

## Elective Requirements (12 semester hours)

Code	Title	Semester Hours
Select any courses comprised of lower (100-200) level courses not already taken to fulfill the requirements listed above. Additional general education courses may be taken to fulfill elective requirements.		
12		
Total Semester Hours		12