

Associate in Applied Science (AAS)**Information Technology Systems**

Qualify for entry-level employment as a computer support specialist, utilizing skills in networking, programming, and applications support by successfully completing program requirements and select areas of emphasis.

NOTE: Some courses have prerequisites, check catalog description.

Degree Requirements

- **Communications:**
10 credits - ENGL& 101 English Composition I AND ENGL& 235 Technical Writing
- **Quantitative Skills:**
5 credits – MATH& 107 Math in Society OR higher (excluding MATH& 131/132)
- **Human Relations/ Social Science/ Diversity:**
10 credits – BUS 144 Management of Human Relations: DIV OR SOC& 101 Intro to Sociology: DIV AND BUS 150 Customer Service
- **Humanities/ Natural Sciences:**
5 credits – CS 170 Fundamentals of Computer Programming.
- **Electives:**
2-10 credits from BTEC, BUS, CS, IT or choose from the Distribution List. See advisor for recommendations that meet individual needs.

Program Requirements

IT 100 (was CS 100)	IT Fundamentals	5
IT 102 (was CS 102)	Intro to Internet Theory, Application, and Web Page Design	5
BTEC 131 (was CS 121)	Introduction to Spreadsheets	5
BTEC 135	Advanced Data Analysis	5
IT 140 (was IT 143)	Configuring Windows Operating System	4
IT 141 (was CS 141)	PC Technician I	4
IT 142 (was CS 142)	PC Technician II	4
IT 211 (was CS 211)	Introduction to Networking	5
IT 212 (was CS 212)	Installing and Configuring Windows Server	5
IT 220	Intro to Cloud Computing	3
IT 230 (was CS 230)	Database Development	5
IT 235	Introduction to Big Data	5
IT 249 (was CS 249)	Linux Operating Systems	5
IT 260 (was CS 260)	Info Tech Security	5
CS 275	Object-Oriented Programming	5
IT 294	Career Success	2
IT 288 (was CS 288)	Cooperative Work Experience	1

Diversity and Distribution Lists are available in the Lower Columbia College Academic Catalog and at lowercolumbia.edu/catalog.

Total credits required to earn this degree: 105-113 with a cumulative grade point average (GPA) of at least 2.0 in the program requirements.

Students completing this program should acquire the following skills and abilities:

- Demonstrate core IT competency in client computing and user support.
- Demonstrate core IT competency in database and information management.
- Demonstrate core IT competency in networking and convergence.
- Demonstrate core IT competency in programming and application development.
- Apply mathematical information to perform tasks in Information Technology (GS).
- Research and assess new ideas and information in Information Technology (GS).
- Identify the importance of lifelong learning (GS).
- Demonstrate core IT competency in servers, storage and virtualization.
- Function effectively as a member of a diverse team to accomplish common goals (GS).
- Read and interpret technical information.
- Communicate orally with, and write clearly for a wide range of audiences (GS).
- Exhibit professional, legal, and ethical behavior.
- Demonstrate business awareness and workplace effectiveness.

Revised March 2021 (Effective Spring 2021)

Notes:

Program planning is based on information available at the time of preparation. It is the student's responsibility to meet with their LCC advisor. *Depending on area of emphasis, other courses may be substituted for ones listed in suggested schedule above.*