

DEPARTMENT OF COMPUTER & INFORMATION SCIENCE

ASSOCIATE OF APPLIED SCIENCE IN INFORMATION TECHNOLOGY

The Associate of Applied Science in Information Technology program enables students to develop skills in the areas of web processing, databases, networking, programming, and various operating systems. These skills enable students to seek positions within the information technology industry.

Curriculum

The matrix below is a sample plan for all coursework required for this program.

Freshman

| Fall | Credits |
|---|-----------|
| ENGL 1013 Composition I ¹ | 3 |
| CSEC 1003 Introduction to Cybersecurity | 3 |
| MATH 1113 College Algebra or higher-level Mathematics | 3 |
| TECH 1001 Orientation to the University ² | 1 |
| COMS 1333 Web and Mobile Technologies | 3 |
| CSEC 1113 Introduction to Networking | 3 |
| Total Hours | 16 |

| Spring | Credits |
|---|-----------|
| ENGL 1023 Composition II ¹ | 3 |
| COMS 1011 Programming Foundations I Lab and COMS 1013 Programming Foundations I | 4 |
| COMS 2703 Computer Hardware and Architecture | 3 |
| SS 1XXX Social Science Courses ¹ | 3 |
| Elective | 3 |
| Total Hours | 16 |

Sophomore

| Fall | Credits |
|--|-----------|
| SCIL 1XXX Science with Laboratory ¹ | 4 |
| COMS 2203 Programming Foundations II | 3 |
| COMS 2713 Survey of Operating Systems | 3 |
| Elective ⁵ | 6 |
| Total Hours | 16 |

| Spring | Credits |
|---|---------|
| COMM 2173 Business and Professional Speaking ⁴ | 3 |

| Spring | Credits |
|-----------------------------|-----------|
| ENGL 2053 Technical Writing | 3 |
| Electives ⁵ | 6 |
| Total Hours | 12 |

¹See appropriate alternatives or substitutions in "[General Education Requirements](#)".

²TECH 1013 Introduction to the University is a substitution for TECH 1001 Orientation to the University. Electives would reduce from 15 hours to 13 hours.

³COMS 3703 Advanced Operating Systems is a substitution for COMS 2713 Survey of Operating Systems.

⁴COMM 2003 Public Speaking is a substitution for COMM 2173 Business and Professional Speaking.

⁵Students seeking a Bachelor's degree in computing should take courses that count towards that degree rather than just general electives.