

# INFORMATION TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

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## Curriculum

| Course                 | Title   | Hours     | Completed |
|------------------------|---|-----------|-----------|
| <b>Freshman</b>        |   |           |           |
| <b>Fall</b>            |   |           |           |
| COMS 1333              | Web and Mobile Technologies                                 | 3         | _____     |
| CSEC 1003              | Introduction to Cybersecurity                               | 3         | _____     |
| CSEC 1113              | Introduction to Networking                                  | 3         | _____     |
| ENGL 1013              | Composition I <sup>1</sup>                                  | 3         | _____     |
| MATH 1113              | College Algebra (or higher-level Mathematics)               | 3         | _____     |
| TECH 1001              | Orientation to the University <sup>2</sup>                  | 1         | _____     |
|                        | <b>Hours</b>  | <b>16</b> |           |
| <b>Spring</b>          |   |           |           |
| COMS 1011 & COMS 1013  | Programming Foundations I Lab and Programming Foundations I | 4         | _____     |
| COMS 2703              | Computer Hardware and Architecture                          | 3         | _____     |
| ENGL 1023              | Composition II <sup>1</sup>                                 | 3         | _____     |
| SS 1XXX                | Social Science Courses <sup>1</sup>                         | 3         | _____     |
| Elective               |   | 3         | _____     |
|                        | <b>Hours</b>  | <b>16</b> |           |
| <b>Sophomore</b>       |   |           |           |
| <b>Fall</b>            |   |           |           |
| COMS 2203              | Programming Foundations II                                  | 3         | _____     |
| COMS 2713              | Survey of Operating Systems <sup>4</sup>                    | 3         | _____     |
| SCIL 1XXX              | Science with Laboratory <sup>1</sup>                        | 4         | _____     |
| Elective <sup>3</sup>  |   | 6         | _____     |
|                        | <b>Hours</b>  | <b>16</b> |           |
| <b>Spring</b>          |   |           |           |
| COMM 2173              | Business and Professional Speaking <sup>5</sup>             | 3         | _____     |
| ENGL 2053              | Technical Writing   | 3         | _____     |
| Electives <sup>3</sup> |   | 6         | _____     |
|                        | <b>Hours</b>  | <b>12</b> |           |
|                        | <b>Total Hours</b>  | <b>60</b> |           |

<sup>1</sup> See appropriate alternatives or substitutions in "General Education Requirements (<https://catalog.atu.edu/undergraduate/general-education-requirements/>)."

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

<sup>3</sup> Students seeking a Bachelor's degree in computing should take courses that count towards that degree rather than just general electives.

<sup>4</sup> COMS 3703 Advanced Operating Systems is a substitution for COMS 2713 Survey of Operating Systems.

<sup>5</sup> COMM 2003 Public Speaking is a substitution for COMM 2173 Business and Professional Speaking.