

TOPS University Associate of Applied Science: Information Technology

Postsecondary Partner: [South Louisiana Community College](#)

Overview

Students in a Computer Information Technology program gain knowledge and skills to install, administer and troubleshoot networks. They learn about the installation and troubleshooting of network operating systems, cabling, CISCO routers and switches, security and wireless networks and other LAN/WAN technologies. Graduates from the Information Technology program can troubleshoot and solve various IT issues encountered in regular businesses by using diagnostic software and technical knowledge base, demonstrate and apply effective written, oral and nonverbal communication techniques in a variety of organizational situations, explain terminology, rules and practices regarding common IT issues and their proper solutions, observe and apply basic safety rules and procedures related to information technology software and hardware and apply proper communication and customer service skills upon entering the workforce.

Capstone Credentials

Regional (emerging)	Basic	Advanced	Fast Forward Advanced Plus
<ul style="list-style-type: none"> -Microsoft Technology Associate (MTA) -Microsoft Certified Solutions Associate (MCSA) - Microsoft Office Specialist: Access - Microsoft Office Specialist: Word, PowerPoint AND Excel 	<ul style="list-style-type: none"> - Certificate of Technical Studies: Cyber Security - Certificate of Technical Studies: System Analyst - Certificate of Technical Studies: System Support Technician - CompTIA IT Fundamentals <li style="text-align: center;">± 	<ul style="list-style-type: none"> - Technical Diploma in Information Technology - CompTIA Network+ - CompTIA A+ - CompTIA Security+ 	<p style="text-align: center;">Associate of Applied Science: Information Technology</p>

*Core Academic Course

**Jump Start CTE Course



Grade 9	
Semester 1	Semester 2
LDOE Course/Code	LDOE Course/Code
*English I 120331	*English II 120332
*Algebra I 160321	*Algebra II 160322
*World Geography 220300	*Environmental Science: AP Environmental Science 150311 or Earth Science 150901
*Physical Education I 190105	*½ Physical Education II 190106 ½ Health Education 190500

Grade 10	
Semester 1	Semester 2
LDOE Course/Code	LDOE Course/Code
*Geometry 160323	*Core Art Selection
*Biology 150301	*U.S. History 220403
*World History 220401	*Chemistry 150401
*Foreign Language I	*Foreign Language II

Grade 11			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
Seminar in First-Year Student Experience SFSE 1003	DE Seminar in First-Year Student Experience 890202	*Math 1105 College Algebra	*Algebra III: DE - CMAT 1213 College Algebra 160500
**Installation & Troubleshooting II INTE 1110	**Install & Troubleshooting II 890303	**Introduction to Client/Server Network INTE 2010	**DE Introduction to Client/Server Network 890332
**Installation & Troubleshooting I INTE 1100	**DE Install & Troubleshooting I 890302	**Server Network Infrastructure INTE 2020	**DE Server Network Infrastructure 890338
**Operating Systems INTE 1200	**DE Operating Systems 890319	**Introduction to Routing & Switching INTE 2111	**DE Introduction to Routing & Switching 890333
**Introduction to Programming INTE 1210	**DE Introduction to Programming 080500	**Approved Elective	**TBD by course selected

Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
*Rhetoric & Composition ENG 1010	*English III: DE - CENL 1013 English Composition I 120601	*Introduction to Fiction ENG 2055 or British Literature ENG 2020	*English IV: DE - CENL 2303 Introduction to Fiction 120614 or CENL 2103 British Literature I 120608
*American National Government POLI 1100	*US Government: DE - CPOL 2013 Intro to American	*Environmental Science ENSC 1000	*Environmental Science: DE - CEVS 1103 Environmental

	Government 220514		Science 150914
**Networking Technologies INTE 2110	**DE Networking Technologies 890336	**Configuring Advanced Server Services INTE 2033 or INTE Elective	**DE Configuring Advanced Server Services 890328
**Approved Elective	**TBD by course selected	**Approved Elective	**TBD by course selected
**Approved Elective	**TBD by course selected	**Approved Elective	**TBD by course selected

Approved Electives

Postsecondary Course	LDOE Course/Code
**Introduction To UNIX/LINUX INTE 1800	**DE Introduction to UNIX/LINUX 890334
**Implementing Network Security INTE 2014	**DE Implementing Network Security 890329
**Server Network Infrastructure INTE 2020	**DE Server Network Infrastructure 890338
**Managing Network Security INTE 2840	**DE Managing Network Security 890335
**SQL Database INTE 2073	**DE SQL Database 890339
**Cloud Technologies INTE 2853	**DE Cloud Technologies 890327

This pathway framework is an outline of how the approved courses can be implemented. Schools may opt to rearrange the order of course sequencing in order to meet local scheduling requirements. Additionally, Fast Forward pathways are dynamic and the Jump Start Review panel will consider course equivalents on an as needed basis.