TOPS University Associate of Applied Science: Computer Information Systems
Postsecondary Partner: Bossier Parish Community College

Overview

The Associate of Applied Science in Computer Information Systems provides the graduate with the knowledge and applied technical skills needed to enter computer-related occupations in the business/industry job market.

Face to Face or 100% online

Capstone Credentials

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
-Amazon Web Service Cloud Practitioner	-CompTIA IT Fundamentals+	-CompTIA A+ -CompTIA Network+ -CompTIA Security+	Associate of Applied Science: Computer Information Systems

*Core Academic Course
**Jump Start CTE Course

Grade 9	
Semester 1	**Semester 2**
*English I 120331	*Fine Arts
*Algebra I 160321	*Geometry 160323
*Environmental Science 150310	* World Geography 220300
*Civics 220501/220504	* ½ Health 190500 & ½ PE II 190106

Grade 10	
Semester 1	**Semester 2**
*English II 120332	*Chemistry 150401
*Biology 150301	*U.S. History 220403
*Algebra II 160322	*PE I 190105
*Foreign Language I	**English III 120333

Additional and/or equivalent TOPS core aligned courses can be found in Bulletin 741.

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Grade 11			
Semester 1		**Semester 2**	
Postsecondary Course	**LDOE Course/Code**	**Postsecondary Course**	**LDOE Course/Code**
*ENGL 101: Composition and Rhetoric	*English IV: DE - CENL 1013 English Composition I 120606	**CTEC 108: Introduction to Management Information Systems	**TBD
*MATH 102: College Algebra or Math 101: Applied Algebra for College Students	*Algebra III: DE - CMAT 1213 College Algebra 160500	**CTEC 112: IT Hardware Support Cert: CompTIA A+ (Core 1)	**TBD
**CTEC 101: Information Technology Principles Cert: CompTIA ITF+	**TBD	**CTEC 114: IT Software Support Cert: CompTIA A+ (Core 2)	**TBD
**CTEC 107: Skills for Information Technology (IT) Success	**TBD	**CTEC 118: Help Desk Operations or CTEC 119: HDI Support Center Analyst	**TBD
**CTEC 102: Problem Solving and Programming Techniques	**TBD	*Natural Science Elective BLGY 105 Elements of Biology I	*Biology II: DE - CBIO 1013 General Biology I 150323

Grade 12			
Semester 1		**Semester 2**	
Postsecondary Course	**LDOE Course/Code**	**Postsecondary Course**	**LDOE Course/Code**
**CTEC 155: Network Essentials Cert: CompTIA Network+	**TBD	**CTEC 240: Internet Protocol (IP) Telephony	**TBD
**CTEC 274: Data Analytics	**TBD	**CTEC 263: Cloud+ Cert: CompTIA Cloud+	**TBD
**CTEC 282: Information Technology Project Management Cert: CompTIA Project+	**TBD	**CTEC 290: System Analysis and Design	**TBD
**SPCH 110: Public Speaking	**DE Speech I 051101	**CTEC Approved Elective	**TBD by course selected
*Behavioral/Social Science Elective BADM 201: Principles of Macroeconomics	*Economics: DE/CECN 2213 Macroeconomics 220608	*Humanities Elective SPAN 101: Elementary Spanish I	*Spanish II: DE - CSPN 1013/1014 Elementary Spanish I 122511

Approved Electives

Postsecondary Course	LDOE Course/Code
**CTEC 264: Advanced Cloud Computing Cert: Amazon Web Services Cloud Practitioner	**TBD
**CTEC 287 Network Security Design Cert: CompTIA Security+	**TBD
**CTEC 165: Introduction to Virtualization	**TBD
**CTEC 200: Network Defense Cert: CompTIA PenTest+	**TBD
**CTEC 220: Information System Security I Cert: CompTIA CASP+	**TBD
**CTEC 285: Health Informatics for IT Professionals Cert: Certified Associate in Health Information & Management Services (CAHIMS)	**TBD

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.