

**Jumpstart 2.0 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.

100% Online Degree Program or traditional F2F program

**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	*English II 120332
*Algebra I 160321	*Geometry 160323
*Physical Science 150802 or Environmental Science 150310	**Quest for Success 080411 or other career readiness elective
*Civics 22051/220504	*½ Physical Education II 190106 ½ Health Education 190500

Grade 10	
Semester 1	Semester 2
*English III 120333	**Intro to Bus Comp Apps 040401
*Biology 150301	**Cyber Society 040216
*Algebra II 160322	*Physical Education I 190105
* U.S. History 220403	**Entrepreneurship 041038

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

Grade 11			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
*Composition and Rhetoric ENGL 101	*English IV: DE-CENL 1013 English Composition I 120606	**Introduction to Management Information Systems CTEC 108	**TBD
*College Algebra MATH 102 or Applied Algebra for College Students MATH 101	*Algebra III: DE-CMAT 1213 College Algebra 160500	**IT Hardware Support Cert: CompTIA A+ (Core 1) CTEC 112	**TBD
**Information Technology Principles Cert: CompTIA ITF+ CTEC 101	**TBD	**IT Software Support Cert: CompTIA A+ CTEC 114	**TBD
**Skills for Information Technology (IT) Success CTEC 107	**TBD	**Help Desk Operations CTEC 118 or HDI Support Center Analyst CTEC 119	**TBD
Problem Solving and Programming Techniques CTEC 102	**TBD	*Natural Science Elective: Elements of Biology I BLYG 105	*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
**Network Essentials Cert: CompTIA Network+ CTEC 155	**TBD	**Internet Protocol (IP) Telephony CTEC 240	**TBD
**Data Analytics CTEC 274	**TBD	**Cloud+ Cert: CompTIA Cloud+ CTEC 263	**TBD
**Information Technology Project Management Cert: CompTIA Project+ CTEC 282	**TBD	**System Analysis and Design CTEC 290	**TBD
**Public Speaking SPCH 110	**DE Speech I 051101	**CTEC Approved Elective	**TBD
*Social/Behavioral Science Elective: Principles of Macroeconomics BADM 201	*Economics: DE-CECN 2213 Macroeconomics 220608	*Humanities Elective: Western Civilization I HIST 101 or Western Civilization II HIST 102	*World History: DE-CHIS 1113 World Civilization I 220450 Or World History: DE-CHIS 1123 World Civilization II 220451

**Approved Electives**

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