

**Jumpstart 2.0 Associate of Applied Science: Systems Administration DevOps**  
*Postsecondary Partner: Bossier Parish Community College*

**Overview**

The Associate of Applied Science in Systems Administration with a concentration in DevOps program provides students with a broad, overarching knowledge of a variety of IT subject areas that brings together development, operations, and testing. DevOps is an interdisciplinary program that requires communication, collaboration, and a broad knowledge so that students understand the full-scope of software delivery.

Face to Face and 100% Online

**Capstone Credentials**

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
	-CompTIA ITF+ -Oracle Certified Professional (OCP) Java Programmer I	-CompTIA Network+ -CompTIA Security+	Associate of Applied Science: Systems Administration DevOps

*\*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 150802 or Environmental Science 150310	**Quest for Success 080411 or other career readiness elective
*Civics 22051/220504	*½ Health 190500 & ½ PE II 190106

Grade 10	
Semester 1	Semester 2
*Technical Writing 120350	**Intro to Bus Comp Apps 040401
*Biology 150301	**Cyber Society 040216
*Algebra II 160322	*PE 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
*ENGL 101: Composition and Rhetoric	*English IV: DE - CENL 1013 English Composition I 120606	**CTEC 155: Network Essentials Cert: CompTIA Network+	**TBD
*MATH 102: College Algebra or Math 101 Applied Algebra for College Students	*Algebra III: DE - CMAT 1213 College Algebra 160500	*Humanities Elective: HIST 101: Western Civilization I OR HIST 102 Western Civilization II	*World History: DE-CHIS 1113 World Civilization I 220450 OR World History: DE - CHIS 1123 World Civilization II 220451
**CTEC 101: Information Technology Principals Cert: CompTIA ITF+	**TBD	**CTEC 130 HTML/CSS3	**TBD
**CTEC 102 Problem Solving and Programming Techniques	**TBD	**CTEC 170: Microsoft Windows Servers	**TBD
**CTEC 104 Introduction to Scripting	**TBD	*Behavioral/Social Science Elective BADM 201: Principles of Macroeconomics	*Economics: DE/CECN 2213 Macroeconomics 220608
Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
**CTEC 150: Introduction to Programming with JAVA	**TBD	**CTEC 270: Relational Database Coding	**TBD
**CTEC 151: Advanced JAVA Programming Cert: Oracle Certified Professional (OCP) Java Programmer I	**TBD	**CTEC 272: Advanced Topics in Linux	**TBD
**CTEC 172: Linux Server	**TBD	**CTEC 299: CTEC Internship	**TBD
**CTEC 287: Network Security Design Cert: CompTIA Security+	**TBD	**CTEC Elective	**TBD by course selected
*Natural Science Elective BLGY 105 Elements of Biology I	*Biology II: DE - CBIO 1013 General Biology I 150323	**CTEC Elective	**TBD by course selected

**Approved Electives**

Postsecondary Course	LDOE Course/Code
**CTEC 107 Skills for Information Technology Success	**TBD
**CTEC 259: Server-Side Web Development	**TBD
**CTEC 275: Big Data	**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.*