Jumpstart 2.0 Associate of Applied Science: Systems Administration Cloud Computing
Postsecondary Partner: Bossier Parish Community College

Overview

The Associate of Applied Science in Systems Administration with a concentration in Cloud Computing program provides students with the skills needed to manage an organization's computer systems. The program prepares individuals to function as entry-level systems administrators and covers analyzing system logs, applying system updates, updating user accounts, troubleshooting problems, and ensuring uptime.

Face to Face and 100% Online

Capstone Credentials

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

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 o
*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.

DEPARTMENT of EDUCATION
Louisiana Believes

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 104 Introduction to Scripting	**TBD
*MATH 102: College Algebra or Math 101 Applied Algebra for College Students	*Algebra III: DE - CMAT 1213 College Algebra 160500	**CTEC 155: Network Essentials Cert: CompTIA Network+	**TBD
**CTEC 101: Information Technology Principles Cert: CompTIA ITF+	**TBD	**CTEC 165 Introduction to Virtualization	**TBD
**CTEC 102: Problem Solving and Programming Techniques	**TBD	**CTEC 170: Microsoft Windows Servers	**TBD
**CTEC 114: IT Software Support Cert: CompTIA A+ (Core 2)	**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 172: Linux Server	**TBD	**CTEC 263: Cloud+ Cert: CompTIA Cloud+	**TBD
**CTEC 270: Relational Database Coding	**TBD	**CTEC 264: Advanced Cloud Computing Cert: Amazon Web Services Cloud Practitioner	**TBD
**CTEC 287: Network Security Design	**TBD	**CTEC 272: Advanced Topics in Linux or Approved CTEC Elective	**TBD
*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 275: Big Data	**TBD
*Natural Science Elective BLGY 105 Elements of Biology I	*Biology II: DE - CBIO 1013 General Biology I 150323	**CTEC 299: CTEC Internship	**TBD

Approved Electives

Postsecondary Course	LDOE Course/Code
**CTEC 107 Skills for Information Technology Success	**TBD
**CTEC 200: Network Defense Cert: CompTIA PenTest+	**TBD
**CTEC 220: Information System Security I Cert: CompTIA CASP+	**TBD
**CTEC 282: Information Technology Project Management Cert: CompTIA Project+	**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.