

**Jump Start 2.0 Associate of Applied Science: Cloud Computing**

Postsecondary Partner: [Delgado Community College](#)

**Overview**

The goals of this pathway are to prepare students for entry-level positions in cloud computing and to provide the appropriate foundation for further studies in cloud computing. The pathway provides students with instruction on the overall computer information technology environment, local and virtual computer networks, networked data security, management of IT projects and IT support for cloud systems.

**Capstone Credentials**

Regional (emerging)	Basic	Advanced	Fast Forward Advanced Plus
-Career and Technical Certificate: Cloud Computing - <a href="#">CompTIA Linux+</a>	- <a href="#">CompTIA IT Fundamentals</a>	- <a href="#">CompTIA A+</a>	-Associate of Applied Science: Cloud Computing

*\*Core Academic Course*

*\*\*Jump Start CTE Course*

Grade 9	
Semester 1	Semester 2
LDOE Course/Code	LDOE Course/Code
*Technical Writing 120350	*English I 120331
*Math Essentials 160351	*Algebra I 160321
*Civics 220501/220504	*½ Physical Education II 190106 ½ Health Education 190500
*Physical Education I 190105	**Quest for Success 080411



Grade 10	
Semester 1	Semester 2
LDOE Course/Code	LDOE Course/Code
*English II 120332	IT Elective code TBD by course selected
*Algebra II 160322	DE Humanities Elective code TBD by course selected
*Biology 150301	DE Social/Behavioral Science Elective code TBD by course selected
*U.S. History 220403	Elective TBD by course selected

*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
*English Composition I ENGL 101	*English III: DE - CENL 1013 English Composition I 120601	**Intro. to Info. Security CMIN 244	**DE Cybersecurity 040223
**Fund. of Info. Tech. & Systems CMIN 204	**DE Computer Technology Literacy 040220	**Database Mgmt. Systems CMIN 266	**DE Databases Design and Programming 080501
**Logic & Design CMIN 203	**DE Programming Logic and Design 080502	**Cloud Computing Foundations CMIN 233	**DE Cloud Computing Foundations 890311
**Network Systems Basics CNET 157	**DE Computer Systems/ Networking I 061112	**Agile Project Mgmt. CMIN 275	**DE Agile Project Mgmt. 890309
**Princ. of Management (Lower Level) MANG 201	**DE Management Information Systems 313834	**IT Hardware Support ELST 262	**DE CompTIA A+ Fundamentals of Computer Installation and Configuration 061130



Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
*Contemporary Math MATH 120	*Contemporary Math 890109	**Linux System Fundamentals CNET 197	**DE Linux System Fundamentals 890312
**IT Software Support ELST 267	**DE CompTIA+ Programming with PL/SQL 061127	*Natural Science Choice in Diploma Requirement Field of Study	*TBD by course selected
**Windows Server CNET 178	**DE Computer Systems/ Networking II 061136	**Approved Elective	**TBD by course selected
**Approved Elective	**TBD by course selected	**Approved Elective	**TBD by course selected
Social/Behavioral Studies Elective	TBD by course selected	Humanities Elective	TBD by course selected

Approved Electives

Postsecondary Course	LDOE Course/Code
**Practicum CNET 287	**DE CDF-Qualifying CTE Internship 080198
**Virtual Computer Systems CNET 180	**DE Virtual Computer Systems 890314
**Cloud Architecture CNET 294	**DE Cloud Architecture 890310
**Internship CMIN 295	**DE CDF-Qualifying CTE Internship 080198



\*\*Programming for  
Engineering Tech. ELET  
160

\*\*DE Programming for  
Engineering Tech.  
890313

*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.*