Jump Start 2.0 Associate of Applied Science: Computer Information Technology
Postsecondary Partner: Louisiana State University Eunice

Overview

Students in a Computer Information Technology program gain knowledge and skills to install, administer and troubleshoot networks. They learn about the installation and troubleshooting of network operating systems, cabling, CISCO routers and switches, security and wireless networks and other LAN/WAN technologies. Graduates from the Information Technology program can troubleshoot and solve various IT issues encountered in regular businesses by using diagnostic software and technical knowledge base, demonstrate and apply effective written, oral and nonverbal communication techniques in a variety of organizational situations, explain terminology, rules and practices regarding common IT issues and their proper solutions, observe and apply basic safety rules and procedures related to information technology software and hardware and apply proper communication and customer service skills upon entering the workforce.

Capstone Credentials

Regional (emerging)	Basic	Advanced	Fast Forward Advanced Plus
-Microsoft Technology Associate (MTA) -Microsoft Certified Solutions Associate (MCSA) -Microsoft Office Specialist: Access -Microsoft Office Specialist: Word, PowerPoint AND Excel	CompTIA IT Fundamentals +	-CompTIA Network+ -CompTIA A+ -CompTIA Security+	Associate of Applied Science: Computer Information Technology

Core Academic Course
**Jump Start CTE Course

Grade 9	
Semester 1	**Semester 2**
LDOE Course/Code	**LDOE Course/Code**
*English I 120331	*English II 120332
*Math Essentials 160351	*Algebra I 160321
**Quest for Success 080411 or Jobs for America's Graduates 1 042010	**Intro to Bus Comp Apps 040401 or Business Computer Applications 040400
*Physical Education I 190105	*½ Physical Education II 190106 ½ Health Education 190500

Grade 10	
Semester 1	**Semester 2**
LDOE Course/Code	**LDOE Course/Code**
*Biology 150301	*U.S. History 220403
*Algebra II 160322	**Cyber Society 040216 or AP Computer Science Principles 061177
*Fine Arts Survey: DE - CMUS 1013 Musc Appreciation 030590/Music Appreciation MUS 1751	**Introduction to Remote Controlled Vehicle Technologies 110795 or Fundamentals of HTML, CSS, and Javascript 080523
**Jobs for America's Graduates 2 042020 or Jobs for America's Graduates 3 042030	**Cyber Science (NICERC Partnership) 040219 or CyberSecurity (LSU Partnership) 040217

Grade 11			
Semester 1		**Semester 2**	
Postsecondary Course	**LDOE Course/Code**	**Postsecondary Course**	**LDOE Course/Code**
*English Composition ENGL 1001	*English III: DE - CENL 1013 English Composition I 120601	*English Composition ENG 1002	*English IV: DE CENL 1023 English Composition II 120607
*Introduction to Environmental Sciences ENVS 1126	*Environmental Science: DE – CEVS 1103 150914	*College Algebra MATH 1021	*Algebra III: DE - CMAT 1213 College Algebra 160500
**Introduction to Computer Science CSC 1011	**DE Computer Science I 061102	**Programming Visual Basic CSC 2030	**DE Programming Visual Basic 890321
**Fundamentals of Programming CSC 1015	**DE Introduction to Programming 080500	**PC Services and Network Support CSC 2210	**DE Computer Systems/ Networking I 061112
Gen Ed Elective Natural Sciences/Physical Science	TBD by selection	**Database Management Systems CSC 2250	**DE Database Management Systems 890315

Grade 12			
Semester 1		**Semester 2**	
Postsecondary Course	**LDOE Course/Code**	**Postsecondary Course**	**LDOE Course/Code**
*American Government POLS 2051	*US Government: DE - CPOL 2013 Intro to American Government 220514	**Object Oriented Systems Analysis and Design CSC 2257	**DE Object Oriented Systems Analysis and Design 890318
**Local Area Networks CSC 2230 or Operating Systems CSC 2212	**DE Local Area Networks 890317 or Operating Systems 890319	**Visual C++ Programming CSC 2265	**DE Visual C++ Programming 890326

**Systems Analysis and Design CSC 2253	**DE Systems Analysis and Design 890325	**Programming in JAVA CSC 2280	**DE Programming in JAVA 890320
**Introduction to C/C++ Programming CSC 2264	**DE Introduction to C/C++ Programming 890316	**Project Management CSC 2257	**DE Project Management 890322
**Software Security CSC 2260	**DE Software Security CSC 890324		

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.