

Name of Cluster: Information Technology

Name of Pathway: Integration Services

John A. Logan College: Computer Support & Networking (AAS) Program of Study

STEM

Carbondale

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English	Math	Science	Social Studies / Sciences	Recommended Electives (* Denotes Dual Credit only if taken Junior or Senior Year)	Career & Technical Courses and / or Degree Major Courses	SAMPLE Occupations Relating to this Pathway (as listed on careerclusters.org)
Interest Inventory Administered - All plans of study need to meet local and state high school graduation requirements as well as college entrance requirements.								<ul style="list-style-type: none"> ➤ Communications Analyst ➤ Data Communications Analyst ➤ Information Systems Administrator ➤ Information Systems Operator ➤ Information Technology Engineer ➤ Network Consulting Engineer ➤ Network Pre-Sales Engineer ➤ Analyst ➤ Network Architect ➤ Operations Analyst ➤ Security Analyst ➤ Network Specialist ➤ Network Technician <p>3 Hrs @ \$109 = \$327 SAVED!</p>
Secondary	9	English / Language Arts I	Algebra I	Physical / Earth science		Keyboarding		
	10	English / Language Arts II	Geometry	Science Elective		Computer Concepts		
	11	English / Language Arts III	Algebra II	Principles of Technology	American History	Speech (highly recommended)	Web Page or Program. Res Mngt/Ad Living Or	
	12	English / Language Arts IV/Tech Writing 3 Hrs *(ENG 113)			American Government Or AP/Gov.		CVE	
Postsecondary	Yr 15 Fall		MAT 113 or MAT 106 or MAT 120				CIS 120 ELT 111 CIS 230 ELT 102	
	Yr 16 Spring	ENG 101 or ENG 113 (highly recommended)					CIS 200 ELT 200 ELT 103 ELT 210	
	Yr 16 Fall	SPE 115				CIS 240 (electives not on curriculum guide will not be covered by financial aid)	CIS 206 ELT 236 CIS 250 ELT 214	

	Yr 17 Spring			PHY 121			CPS 176 ELT 218 CIS 208 ECO 202		
Program Prerequisite: CIS 101 or Equivalent.						Optional: ATI 200 Applied Technologies Internship			