



Vermont Career Pathway Student Plan of Study Template

Cluster: Science, Tech, Pathway: Information Technology

Programs: Computer Systems Management

High School: _____ Career Center: _____

Education Levels	Grade	English	Math	Science	History Social Studies	Other Required Courses	Elective Courses	Career & Technical Courses	Dual Enrollment and College Transition Opportunities Relating to this Pathway	Sample Industry Certifications Relating to this Pathway	Sample Occupations Relating to this Pathway
Secondary	9	<input type="checkbox"/> English I	<input type="checkbox"/> Algebra I	<input type="checkbox"/> Biology	<input type="checkbox"/> HS Requirement	<input type="checkbox"/> Physical Education	<input type="checkbox"/> Foreign Language	<input type="checkbox"/>	Cisco Networking (CCV) Website Development (CCV) Hardware (CCV) Concepts of LAN (CCV) Desktop Operating Systems (CCV)	⇒ Comp Tia ⇒ Cisco CCNA	⇒ Computer Support Specialist ⇒ Software Analyst ⇒ Computer Security Analyst
	10	<input type="checkbox"/> English II	<input type="checkbox"/> Geometry	<input type="checkbox"/> Chemistry	<input type="checkbox"/> HS Requirement	<input type="checkbox"/> Physical Education	<input type="checkbox"/> Foreign Language	<input type="checkbox"/> Programming & Computer Science			
	11	<input type="checkbox"/> English III	<input type="checkbox"/> Algebra II	<input type="checkbox"/> Physics	<input type="checkbox"/> HS Requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Computer Technology			
	12	<input type="checkbox"/> English/Lit	<input type="checkbox"/> Statistics <input type="checkbox"/> Pre-Calc	<input type="checkbox"/> Elective Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Computer Animation & Web Design			
Post-Secondary	13	<input type="checkbox"/> Dimensions of Self & Society	<input type="checkbox"/> English Composition	<input type="checkbox"/> Website Development	<input type="checkbox"/> Concepts of PC Hardware	<input type="checkbox"/> Math	<input type="checkbox"/> Human Expression	<input type="checkbox"/> Programming Course	<input type="checkbox"/> Computer User Support	<input type="checkbox"/> Scientific Method	
	14	<input type="checkbox"/> Research & Writing Intensive	<input type="checkbox"/> Management Info Systems	<input type="checkbox"/> Scientific Method	<input type="checkbox"/> Global Perspectives & Sustainability	<input type="checkbox"/> Desktop Operating Systems	<input type="checkbox"/> Concepts of Project Management	<input type="checkbox"/> Concepts of LAN or Cisco I	<input type="checkbox"/> Concepts of Computer Security	<input type="checkbox"/> Seminar in Educational Inquiry	
	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Academic Standards	SAT - Not required. If taken, score >500 Accuplacer - 85R, 85W, 66M, 44Alg	Civic Engagement Community Service Apprenticeship Co-op Internship	
Certificates Diplomas and Degrees	Associate Degree		

* Check with your school counselor for your high school's graduation requirements