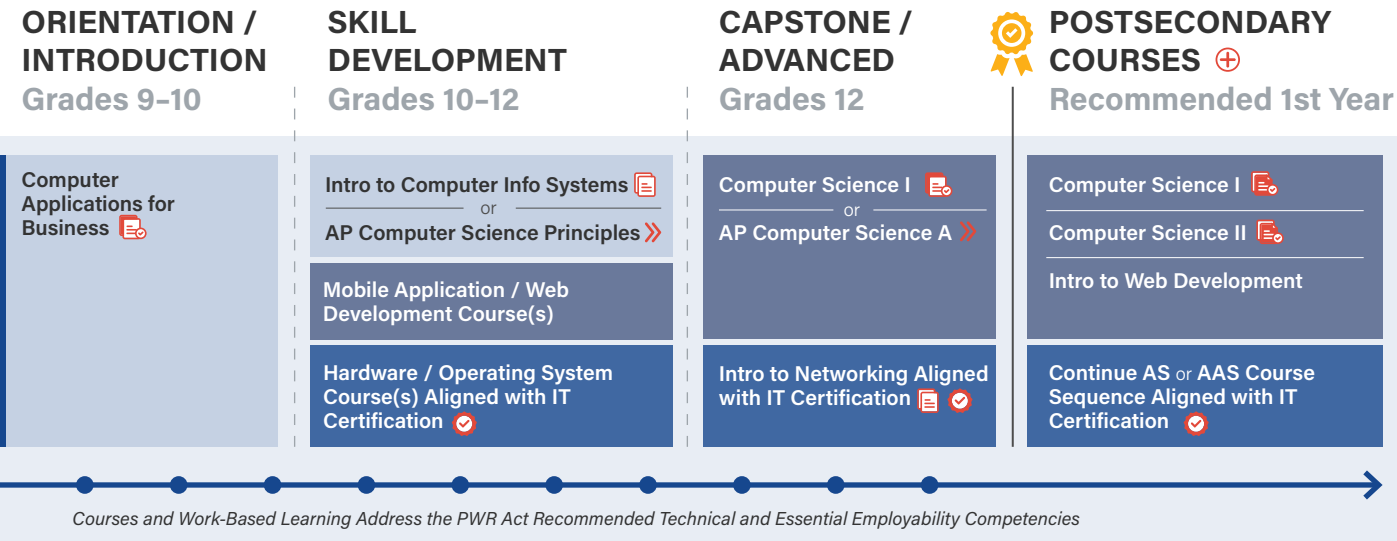
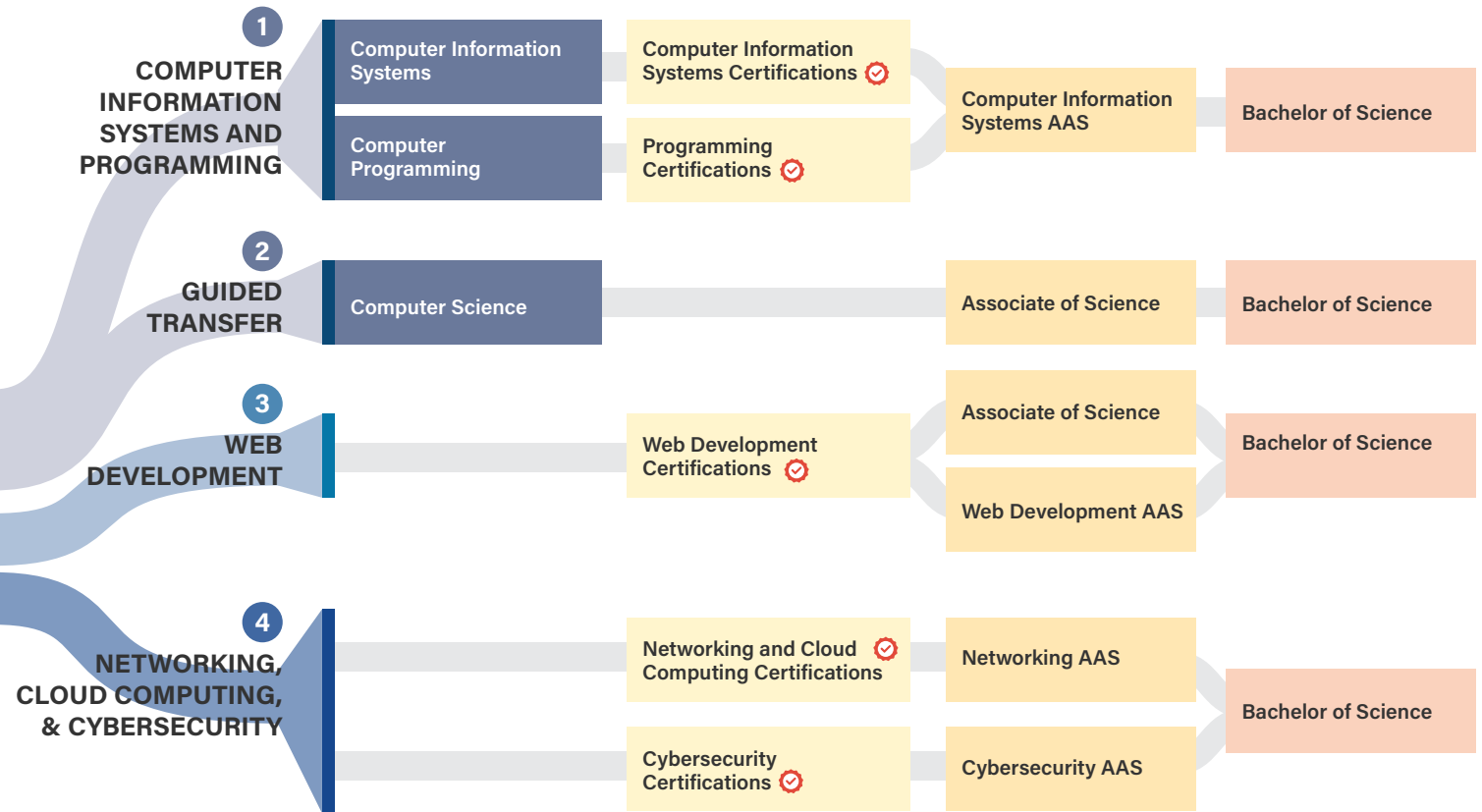


Model Programs of Study Guide: Information Technology



POSTSECONDARY OPTIONS



WORK-BASED LEARNING	SCIENCE	SOCIAL SCIENCE	MATH	ENGLISH
Career Exploration (2) Team-Based Challenge	Science Sequence	Social Science Sequence	Algebra Geometry	English Sequence
Team-Based Challenge Career Development Experience or Youth Apprenticeship	Science Sequence	Social Science Sequence	Geometry Algebra 2 Pre-Calculus	English Sequence
Team-Based Challenge Career Development Experience or Apprenticeship	Science	Social Science	Transitional Math: STEM College Algebra Pre-Calculus Calculus Statistics	Transitional English English Composition
			College Algebra Calculus Statistics	English Composition Oral Communication

SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child ¹	Median Hourly Wage ²	Growth in TN: Annual Job Openings ²	Growth in TN: % Change Over 10 years ²	Stackable?
1 Computer Information Systems and Programming	Computer Systems Analysts	Y	\$	#	%	Typically Stacks to Bachelor's Program
	Computer User Support Specialists	Y	\$	#	%	
2 Computer Science	Computer and Information Systems Managers	Y	\$	#	%	
	Computer Hardware Engineers	Y	\$	#	%	
	Software Developers - Applications	Y	\$	#	%	
	Software Developers - Systems Software	Y	\$	#	%	
	Computer and Information Research Scientists	Y	\$	#	%	
3 Web Development	Web Developers	Y	\$	#	%	
4 Networking, Cloud Computing, and Cybersecurity	Computer Network Architects	Y	\$	#	%	
	Information Security Analysts	Y	\$	#	%	
	Network and Computer Systems Administrators	Y	\$	#	%	
	Computer Network Support Specialists	Y	\$	#	%	

1. Living wage calculations are based on MIT's Living Calculator (livingwage.mit.edu), where the "Living Wage" for 1 Adult + 1 Child is \$/hour for the state of Tennessee. "Near" defined as 85% of the statewide living wage, which is \$22.33/hour
 2. U.S. Department of Labor, CareerOnestop (careeronestop.org/explorecareers)

AP or Dual Credit
 Dual Enrollment
 Course or Program Prepares for Industry Credential
 College and Career Pathway Endorsement Earned
 If courses in this column were accomplished through early college credit, students should take the next required course in the sequence or, if none, additional AAS or Major Courses