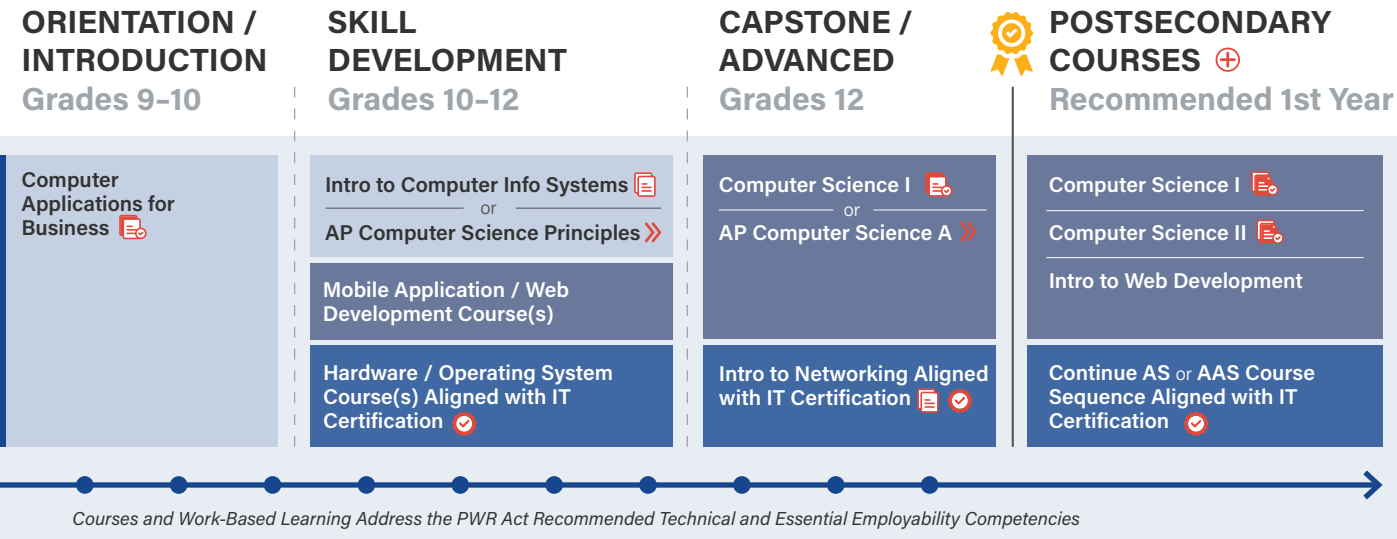
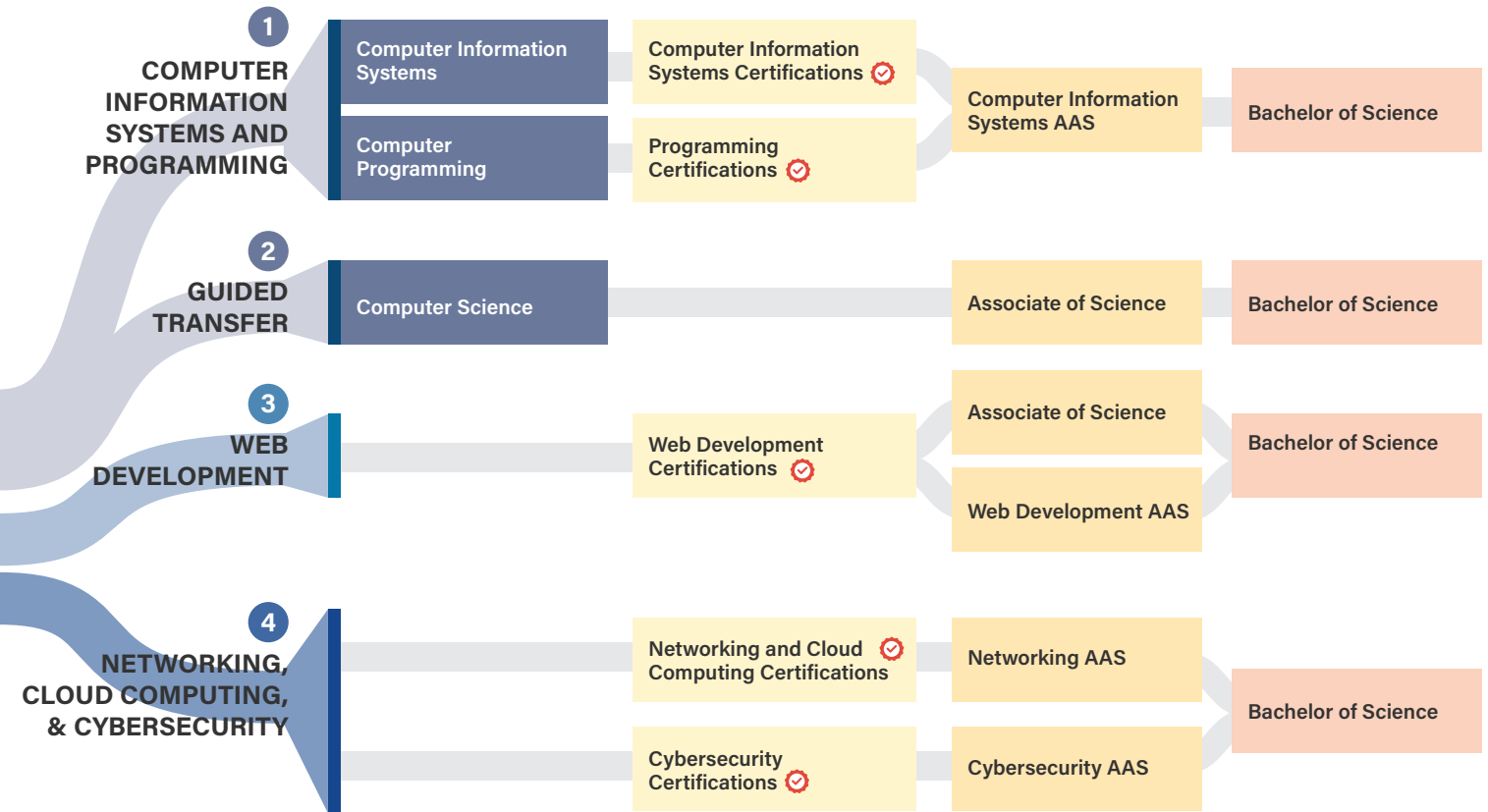


Model Programs of Study Guide: Information Technology

Education Systems Center
NORTHERN ILLINOIS UNIVERSITY | ICCB



POSTSECONDARY OPTIONS



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 Illinois: Annual Job Openings ²	Growth in Illinois: % Change Over 10 years ²	Stackable?
1 Computer Information Systems and Programming	Computer Systems Analysts	Y	\$41.67	2,230	9%	Typically Stacks to Bachelor's Program
	Computer User Support Specialists	Y	\$24.27	220	11%	
2 Computer Science	Computer and Information Systems Managers	Y	\$65.12	1,370	10%	
	Computer Hardware Engineers	Y	\$50.35	110	12%	
	Software Developers - Applications	Y	\$45.88	2,690	28%	
	Software Developers - Systems Software	Y	\$51.63	1,030	13%	
	Computer and Information Research Scientists	Y	\$55.43	90	21%	
3 Web Development	Web Developers	Y	\$33.85	515	15%	
4 Networking, Cloud Computing, and Cybersecurity	Computer Network Architects	Y	\$56.07	400	7%	
	Information Security Analysts	Y	\$46.13	430	23%	
	Network and Computer Systems Administrators	Y	\$39.87	970	5%	
	Computer Network Support Specialists	Y	\$29.80	840	8%	

1. Living wage calculations are based on MIT's Living Calculator (livingwage.mit.edu), where the "Living Wage" for 1 Adult + 1 Child is \$26.27/hour for the state of Illinois. "Near" defined as 85% of the statewide living wage, which is \$22.33/hour
2. U.S. Department of Labor, CareerOnestop (careeronestop.org/explorecareers)

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 Calculus Statistics	Transitional English English Composition English Composition

AP or Dual Credit
 Dual Credit Course
 Dual Credit Course Affiliated With IAI Code
 Course or Program Prepares for Industry Credential
 Postsecondary Course Affiliated with IAI Code
 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