## INFORMATION TECHNOLOGY

STACKABLE CREDENTIALS: Information technology (IT) positions are found in every employment sector. There is a serious shortage of qualified computer science and information systems (CSIS) employees. The average IT worker (a PH.D. OR category including developers, engineers, and **MASTER'S** programmers) earned \$79,236 annually in 2015. **DEGREE** For an IT employee, there are a variety of en-**DEVELOPMENT** try-level roles and multiple pathways for ad-4 **POSITIONS** vancement that may or may not require an ad-**BACHELOR'S** vanced degree. There is also a growing demand Hardware Engineer DEGREE for tech-related creative careers: designers, art-Research ists, writers, and audio/video specialists. **MANAGEMENT** Scientist **POSITIONS** Software Computer **Engineer ASSOCIATE Programmer DEGREE Content Strategist Applied Computer System** Associate of Analyst Science (AAS) **Cyber Security** or Associate of Manager CREDENTIAL Science (AS) **Database** Certificate. **App Developer** Administrator License, or **Permit Computer Coder Digital Media** Specialist **Electrical and Elec-**Computer tronics Technician **Game Developer** Repair HIGH SCHOOL Technician **Java Developer Lead App Developer DIPLOMA Document Manage-Multimedia Designer Network Engineer Data Entry** ment Specialist **Network Developer** Worker **Project Manager Marketing Search** Software Quality As-Senior Developer Medical Strategist surance Tester **Records Software Engineer Network Architect** Technician **Systems Technician Web Developer** CAREER ADVANCEMENT **CAREER DEVELOPMENT SKILL SET ENHANCEMENT ENTRY-LEVEL EMPLOYMENT** HANDS-ON

**ANALYTICAL**