# CERTIFICATIONS

#### TECU 8039 Project+

This course is centered on information technology (IT) projects. The course will provide you with the concepts and processes involved in project management. There four major domains covered in this course: Project Management Concepts, Project Life Cycle Phases, Tools and Documentation, and Basics of IT and Governance The course maps to the CompTIA Project+ exam. 3 credits.

• 48 clock hours/3.0 PDUs

## TECU 8040 Security+

This course provides the basic knowledge needed to plan, implement, and maintain information security in a vendor-neutral format; this includes risk management, host and network security, authentication and access control systems, cryptography, and organizational security. The course maps to the CompTIA Security+ SY0-701 exam. 3 credits.

• 45 clock hours/3.0 PDUs

## **TECU 8020 Cloud Networking Specialist**

Cloud Networking Specialist equips the student with the knowledge and skills needed to prepare for entry-level cloud-based networking careers. This course is a hands-on, career-oriented e-learning solution that emphasizes practical experience. Cloud Networking Specialist aims to develop an in-depth understanding of cloud-based networking principles as well as the tools and configurations required to design a cloud-based network. Various types of hands-on labs provide practical experience, including procedural and troubleshooting labs, skills integration challenges, and model building. All hands-on labs in the course can be completed via Packet Tracer. Most chapters include Packet Tracer-based skills integration challenges that are cumulative throughout the course. The course prepares students to take an optional Cisco Cloud Collaboration Solutions (CCS) 500-301 certification exam on the last day of class. 1.5 credits.

• 20 clock hours/1.5 PDUs

# **TECU 0033 IT Fundamentals**

In this introductory course, students will learn the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies. Students will learn about configuring operating systems, file and folder management, networks and network configuration, and the role of the OSI model in networking and troubleshooting. This course will also prepare students for the CompTIA IT Fundamentals Certification exam. 4 credits.

• 40 clock hours/4.0 CEUs

#### TECU 8019 Network+

Network+ equips the student with the knowledge and skills needed to prepare for entry-level networking careers. This course is a hands-on, career-oriented e-learning solution that emphasizes practical experience. Network+ aims to develop an in-depth understanding of networking principles as well as the tools and configurations required to design a network. Various types of hands-on labs provide practical experience, including procedural and troubleshooting labs, skills integration challenges, and model building. All hands-on labs in the course can be completed via Packet Tracer. Most chapters include Packet Tracer-based skills integration challenges that are cumulative throughout the course. The course prepares students to take an optional CompTIA Network+ certification exam on the last day of class. 2.7 credits.

• 40 clock hours/2.7 PDUs