

Certificate of Achievement in Routing Technologies

NOTE: This certificate has no general education requirements and can be earned in two to four semesters depending up term and sections selected.

NOTE: This certificate was formerly a "Skills Award" issued by the CSIT department and is not a part of your permanent transcript. However as of the Fall 2016 term this is now a state approved certificate program that can be permanently associated with your transcript and issued by the college. Former recipients of the skills award <may> be able to apply for this new state approved certificate.

This program is part of Pierce's Cisco Networking Academy Program

Purpose: Students develop skills and knowledge, in a collaborative, hands-on environment. The program is primarily designed to prepare students seeking employment or enhancing their career in network support, network technician, or network engineer (note that the use of "engineer" may be prohibited in some states). The program is directly mapped to the requirements for the Cisco CCNA Routing & Switching and students can take independently administered exams for Cisco certification. Pierce College is a Cisco Netacad Networking Academy and your courses will be taught by Cisco certified instructors.

Required Courses	
Course Name and Number (these courses must be taken in sequence)	Prerequisite (a course which must be taken first) Corequisite (to be taken first, or at the same time)
CS 587 Intro to Computer Networks (Cisco 1)	Co: CS 578
CS 578 Routing and Switching Essentials (Cisco 2)	Pre: CS 572 and CS 587
CS 537 Scaling Internetworks (Cisco 3)	Pre: CS 572, 587, and 578
CS 538 Implementing WANs (Cisco 4)	Pre: CS 572, 587, 578, & 537

Note: The courses MUST be taken in the sequence shown