



OFFICE OF THE COMMISSIONER OF HIGHER EDUCATION

STATEWIDE SECONDARY/POST-SECONDARY COURSE ARTICULATION For 2009-2010

ITS 150 CCNA: Exploration 1

The purpose of this document is to describe the process through which students who have completed a high school course or courses articulated with *ITS 150, CCNA: Exploration 1* and who demonstrate proficiency in ITS 150 course outcomes may transcript the course for college credit. The conditions of this articulation and specific course outcomes are subject to review and renewal on an annual basis.

In order to be eligible for college credit in *ITS 150 CCNA: Exploration 1*,

The **articulating student** will:

1. Enroll in a high school course or courses, the outcomes of which have been articulated with the outcomes of *ITS 150 CCNA: Exploration 1*. Upon successful completion, the student will be able to:
 - A. Use network protocol models to explain the layers of communications in data networks
 - B. Design, calculate, and apply subnet masks and addresses
 - C. Build a simple Ethernet network using routers and switches
 - D. Employ basic cabling and network designs to connect devices
 - E. Use Cisco CLI commands to perform basic router and switch configuration and verification
2. Enroll and complete the official Cisco Networking Academy CCNA: Exploration 1 course offered by Cisco Networking Academy trained high school instructor.
3. Demonstrate proficiency in course outcomes by completing the CCNA: Exploration 1 Final Exam with a minimum score of 70%.
4. Demonstrate proficiency in course outcomes by completing the CCNA: Exploration 1 Skills Exam with a minimum score of 70%.
5. Enroll in a Montana college partnering in this agreement and offering *ITS 150 CCNA: Exploration 1* in its curriculum within five (5) years from the date of the completing the certification exam.
6. At the time of enrollment, make a request of the OCHE Articulation Specialist to send a formal verification to the college of the successful demonstration of proficiency for *CCNA: Exploration 1*.

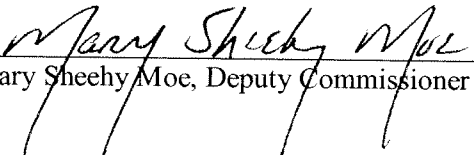
The **high school instructor** will:

1. Provide the official Cisco Networking Academy CCNA: Exploration 1 course that includes the agreed-upon outcomes.

2. Register annually as an articulated course provider with the OCHE Articulation Specialist. (Registration will ensure that the instructor is provided with a list of course outcomes and information about the end-of-course Cisco certification exam procedures.)
3. Administer to students the Cisco CCNA: Exploration 1 Final Exam and Skills Exam, based upon Cisco Networking Academy best practices, upon the completion of the course in the spring.
4. By June 15, 2010, provide the names, addresses and release-of-information forms of the registered students to the OCHE Articulation Specialist, affirm that these students have taken the articulated course or courses, and provide their scores on the Cisco CCNA: Exploration 1 end-of-course final assessments

If the above-stated conditions are met,

1. Upon receiving the student's request for verification, the OCHE Articulation Specialist will notify the college in which the student has enrolled that the student has earned credit for *ITS 150*.
2. Upon receiving verification from the OCHE Articulation Specialist, any campus formally affiliated with the Montana University System that offers *ITS 150*¹ will grant the student full credit and place that course on the student's official college transcript with the appropriate "pass/not pass" designation in lieu of a grade. This course will not be included in the courses used for calculation of the student's grade point average.
3. The college will waive regular tuition for credit(s) granted.


Mary Sheehy Moe, Deputy Commissioner of Two-Year Education

1-10-2010
Date

¹ **NOTE:** Please refer to the Montana University System Common Course Numbering Transfer Guide for a complete inventory of campuses offering this course:
http://msudw.msu.montana.edu:9030/wfez/owa/muxfer.p_CCN_MAIN