# Computer Networking - Program Information Sheet

## Program Description –

The Computer Networking program is a two-year program that teaches students the skills needed to build, design, and maintain computer networks. Using the Cisco Systems Networking Online Academy program, students are provided with the skills necessary to become 21st Century network professionals.

The Computer Networking program helps students prepare for industry-recognized certifications and entry-level information and communication technology careers in the computer networking industry. Students develop foundational skills in IT while acquiring vital technology career skills in problem solving, collaboration, and critical thinking.

## Course Sequence –

Computer Networking I (2 credits)

Computer Networking II (2 credits)

## Prerequisites for Program Entry–

* Junior class standing
* Successful completion of Algebra I and Geometry
* Successful completion of ICT (?)
* Completion of the required student application and acceptance into the program.

## Course Leveling –

The courses in the Computer Networking program area considered Level 4 – High Honors. This is the most challenging level offered at White Mountains Regional High School. Students are expected to:

* Have the abilities of analysis, inference, abstraction and synthesis leading to complex concept development.
* Learn concepts at a rapid pace.
* Work and learn new materials independently.
* Have a strong degree of proficiency in standard communication skills (reading, writing, speaking and listening).

These courses are also articulated with the Community College System of New Hampshire (CCSNH). The curriculum, syllabi and course expectations are the same as those at the college level.

## Postsecondary Articulations -

CCSNH – Students who complete the Computer Networking program are eligible to earn 14 credits through the Project Running Start program. These credits are transferable to many colleges outside the CCSNH.

Lyndon State College – Students who complete the Computer Networking program are eligible to earn 15 credits applied toward LSC’s Associate Degree in Applied Science.

## Third Party Assessments –

Students in the Computer Networking program will take the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ certification exam at the conclusion of the program. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an industry-recognized credential that documents an acquired body of knowledge in the IT field.