

**CISCO II**  
**College Credit and Careers Network**  
**Dual Credit Articulation Agreement**

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**Upon completion of high school courses equivalent to the following competencies:**

Learning Outcomes

- Describe the hardware and operating system in a router.
- Explain the different router modes.
- Describe the router boot sequence.
- Initially configure a router with and without the setup dialog.
- Modify and save a router configuration file.
- Perform the password recovery procedure.
- Perform a complete command line interface configuration of a router.
- Configure and verify static and default routes on a router.
- Configure and verify dynamic routing protocols.
- Configure and troubleshoot a simulated Wide Area Network using five routers.

Course Content

- WANs and Routers
- Router CLI
- Router Components
- Router Startup and Setup
- Router Configuration 1
- IOS Images
- Router Configuration 2
- TCP/IP
- IP Addressing
- Routing
- Routing Protocols
- Network Troubleshooting

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**A student earning a “B” or better may earn college credit at the following college:**

<u>College</u>	<u>Course</u>	<u>Credits</u>
Bellevue College	NSCOM 202	5
Cascadia Community College	BIT 231	5