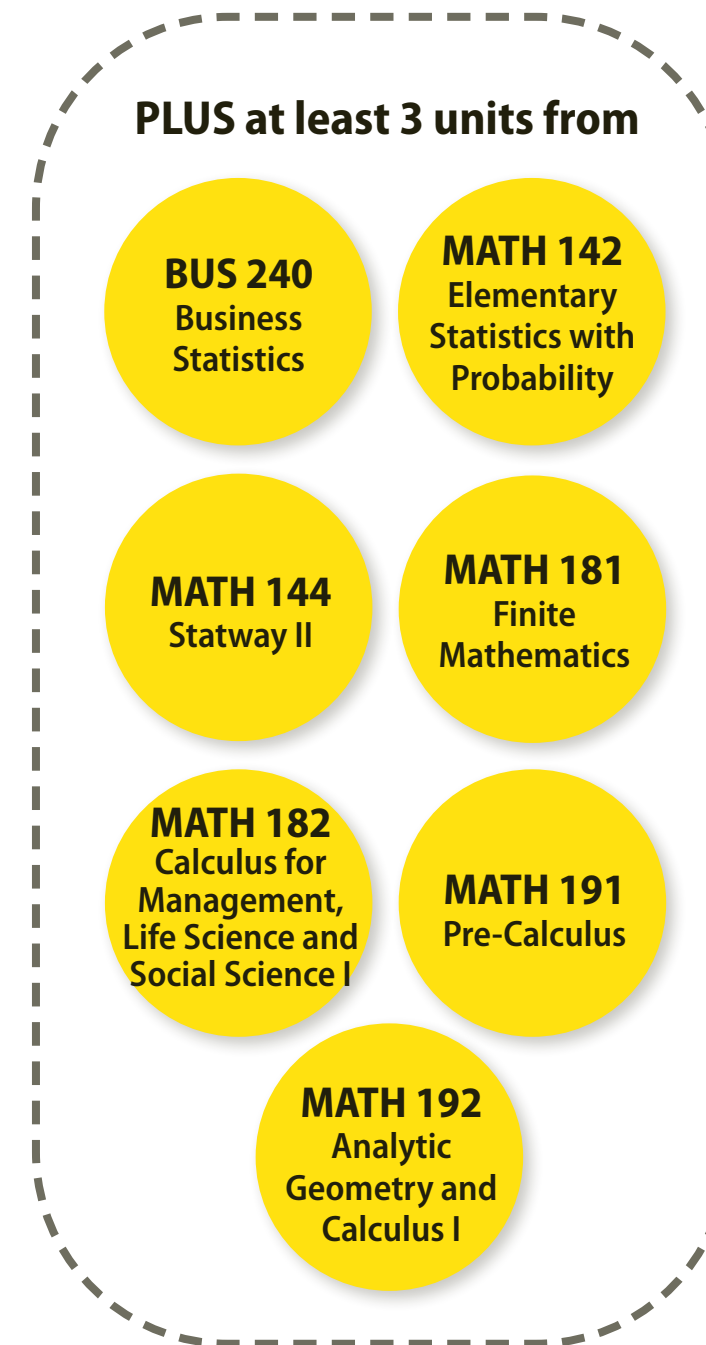
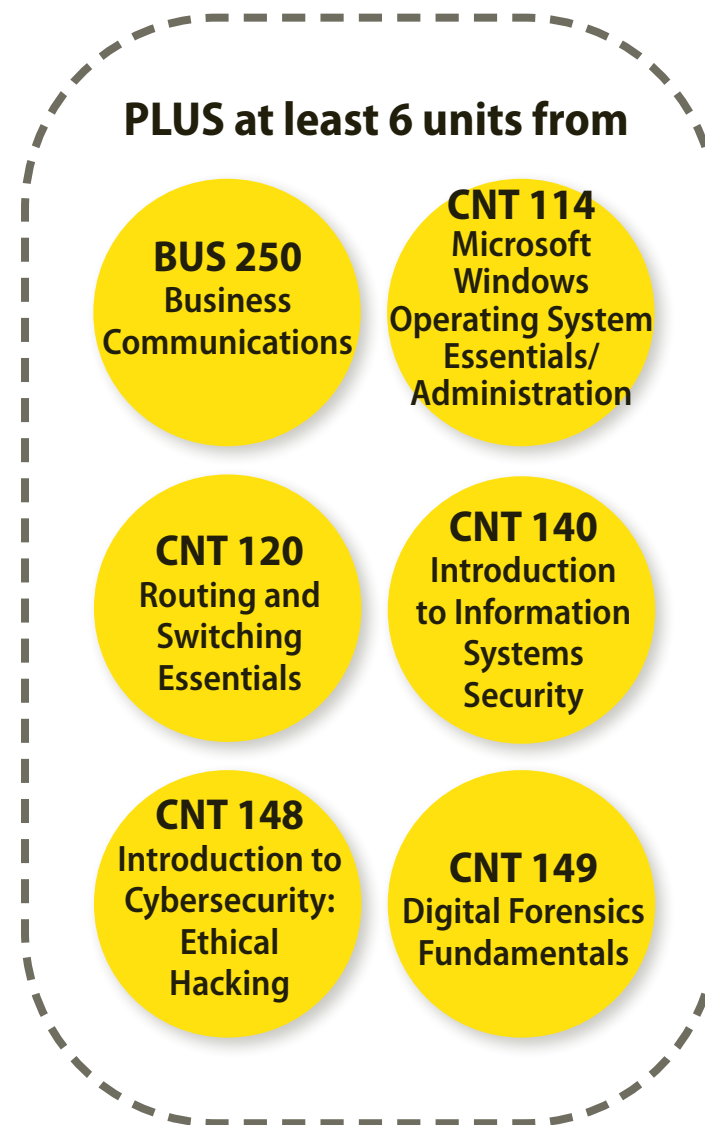
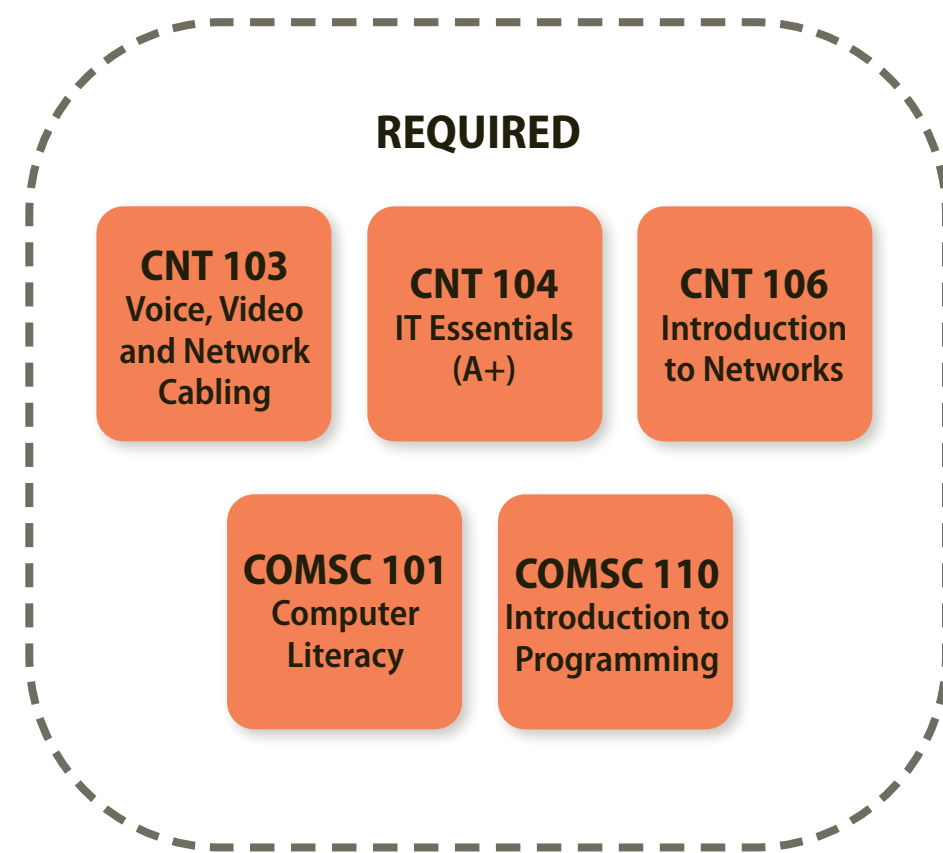
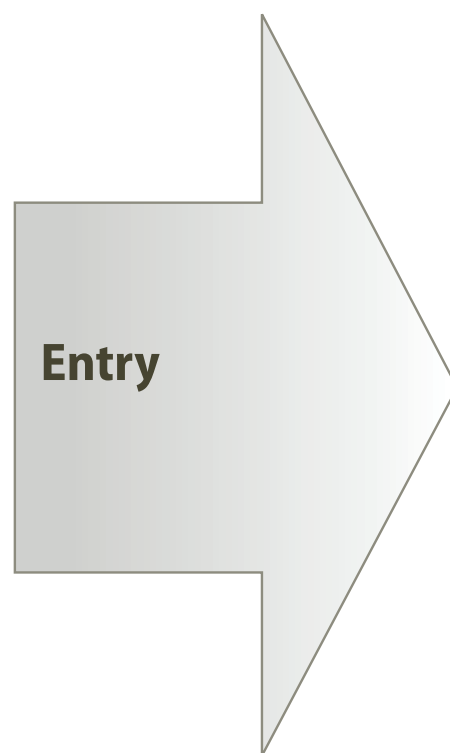
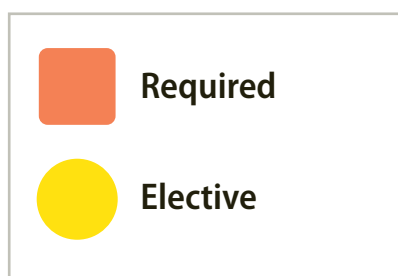


CIS Computer Information Systems Information and Communication Technology Certificate of Achievement

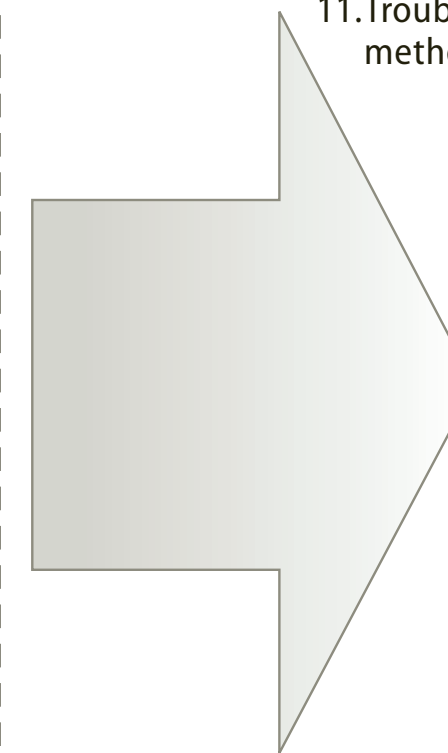


total minimum required units 26



PROGRAM LEARNING OUTCOMES

- Students completing the program will be able to:
1. Terminate, install, and test copper and fiber.
 2. Troubleshoot wireless access points and connections.
 3. Install, configure, and troubleshoot hardware, operating systems, and software applications.
 4. Identify computer components to make informed decisions when purchasing computer hardware and software.
 5. Apply the fundamentals of good programming structure and good programming practices.
 6. Analyze and communicate problem specifications.
 7. Build a simple ethernet network that includes end-devices and intermediary devices.
 8. Identify security issues with communications, email, web, remote access, and wireless technology.
 9. Differentiate between physical security, disaster recovery, and business continuity.
 10. Identify current network threats and ramifications.
 11. Troubleshoot threats and implement security methods against such threats.



Careers in

- Prepares the student for jobs in business and government as introductory positions such as network control specialist, computer system specialists, or specialist network control, entry-level help desk Analyst, computer technician.

You need to see a Counselor for specific recommendations about courses that will best meet your educational goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

For information about transferring, see:
<https://www.dvc.edu/enrollment/transfer/index.html>

For information on careers in this field see:
<https://www.dvc.edu/enrollment/career-employment/index.html>