

NETWORK ADMINISTRATION TECHNOLOGY

**2-YEAR
DIPLOMA**

Don't make what you see on the internet—make what's on the internet work. Learn to analyze, troubleshoot, repair, install and provide technical support for computer systems and networks.

Why should you choose career in Network Administration Technology?

1 Master technology

Our two-year Network Administration Technology diploma program prepares you for a career as a computer network administrator. You will get hands-on standardized and specialized training with current applied technology. Study computer operating systems, scripting and the architecture of computer hardware, networking systems and routing.

3 Get connected

As a grad, you will find employment in the areas of troubleshooting and supporting data, wireless and voice networks, installing and upgrading computer hardware, installing and supporting computer software and computer programming. We offer a two-month work practicum, where you will fill the job role of a junior computer systems administrator in the IT department in the public or private sector.

2 Challenge yourself

Our instructors explain and demonstrate how to configure complex computer networking solutions and challenge students to build and configure their own computer networks in a controlled test environment. We partner with Cisco Systems Inc., and use their current curriculum to teach network routing in a fully equipped Cisco lab.

4 Dial in on your strengths

In addition to technical skills, learn soft skills such as customer service and emotional intelligence. The skills you gain in this program can also be used towards industry certifications, such as A+, Microsoft's MCP, MCSA and MCSE, Cisco's CCNA and CCENT, or Linux+ and Network+.

FULL-TIME, ON-CAMPUS TIMELINE:



Program delivery options:



Victoria Avenue East Campus

CAREER OPPORTUNITIES

Graduates find employment in the areas of installing, troubleshooting and supporting data, wireless and voice networks, installing and upgrading computer hardware, installing and supporting computer software and internet development including web server support. Excellent opportunities exist for diploma graduates with industry certification.

ADMISSION REQUIREMENTS

- A complete Manitoba Grade 12 or equivalent
- English 40G/40S or equivalent
- Consumer/Essential Mathematics 40S with a minimum mark of 60%

English is the language of instruction at Assiniboine. All applicants educated outside of Canada or in a country not on the test exempt list are expected to meet the English language proficiency requirement. See assiniboine.net/elp for more information.

TECHNOLOGY REQUIREMENTS

Programs at Assiniboine have certain technology requirements. Students require access to computer devices at home and may be required to bring these on campus when instructed. Refer to assiniboine.net/tech for more detailed information about the requirements for this program.

UNIQUE LEARNING EXPERIENCES

- A solid balance between theory and practice
- Students work at individual workstations
- Industry certification exams can be written in the college's Test Centre

GRADUATION REQUIREMENTS

To graduate with a Network Administration Technology diploma, students must successfully complete 120 academic credits and 1 practical credit.

The minimum passing grade for each course is indicated on the course outline.

CONNECTIONS

Assiniboine has an on-campus Pearson VUE and Prometric Authorized Testing Centre. Students in this program may choose to write exams to acquire the following certifications:

- CompTIA A+
- CompTIA Linux+
- CompTIA Network+
- Microsoft® Certified Solutions Associate (MCSA)
- Microsoft® Certified Solutions Expert (MCSE)
- Microsoft® Technology Associate (MTA)
- CISCO® Certified Networking Associate (CCNA)
- CISCO® Certified Entry Networking Technician (CCENT)

NEXT STEPS

Apply now! Visit assiniboine.net/applynow. For more information on this program, visit assiniboine.net/nat.

Assiniboine has a number of agreements with other colleges, universities and professional organizations, making it possible for students to apply credit taken at Assiniboine to programs at other institutions. For up-to date information on agreements, visit assiniboine.net/registrar or the program page.

PROGRAM FEES (DOMESTIC ONLY)

Tuition, fees and Students' Association fees total approximately **\$4,400** for year one and **\$4,510** for year two.

Estimated costs for books and supplies are **\$220** for year one and **\$0** for year two.

All fees are estimated and subject to change without notice.

COURSES 2021-22

NUMBER	COURSE TITLE	CREDITS
YEAR ONE		
NETW-0002	Computer Repair 1	6
NETW-0003	Computer Repair 2	6
COMM-0394	Customers and Communications	6
NETW-0005	Networking 1	6
NETW-0006	Networking 2	6
NETW-0007	Networking 3	6
NETW-0008	Networking 4	6
NETW-0015	Routing 1	6
NETW-0016	Routing 2	6
NETW-0018	Technology Foundations 1	6
YEAR TWO		
NETW-0014	Advanced Operating Systems	6
NETW-0004	Network Protection	6
NETW-0009	Networking 5	6
NETW-0010	Networking 6	6
NETW-0011	Networking 7	6
NETW-0012	Networking 8	6
NETW-0013	Networking 9	6
NETW-0001	Operating Systems Fundamentals	6
PRAC-0292	Practicum-NTWTN	1
NETW-0017	Routing 3	6
NETW-0019	Technology Foundations 2	6

Note: Timelines, applicable industry experience, and teaching methodology will depend on program delivery choice; program information sheets subject to change without notice. Visit assiniboine.net for the most up-to-date information.