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.

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.

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.

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:

SEPTEMBER	JANUARY	SEPTEMBER	JANUARY	MAY	JUNE
Year 1 fall term begins	Winter term begins	Year 2 fall term begins	Winter term begins	Practicum placement	Graduation

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.

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 144 academic credits and 8 practical credits.

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)

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 **$4,970** for year one and **$5,410** for year two.

Estimated costs for books and supplies are **$130** for year one and **$0** for year two.

All fees are estimated and subject to change without notice.

COURSES 2020-21

NUMBER	COURSE TITLE	CREDITS
YEAR ONE		
COMP-0408	Computer Servicing 1	6
COMP-0409	Computer Servicing 2	6
COMM-0018	Customer Support	3
COMP-0569	Network Routing 1	6
COMP-0266	Network Routing 2	6
COMP-0370	Networks 1	6
COMP-0371	Networks 2	6
COMP-0372	Networks 3	6
COMP-0373	Networks 4	6
COMP-0174	Operating Systems 1	6
COMP-0391	Technology Essentials 1	6
COMP-0522	Technology Essentials 2	6
COMM-0136	Writing Skills	3
YEAR TWO		
COMP-0407	Emerging Technologies	6
COMP-0267	Network Routing 3	6
COMP-0268	Network Routing 4	6
COMP-0505	Network Security	6
COMP-0374	Networks 5	6
COMP-0375	Networks 6	6
COMP-0376	Networks 7	6
COMP-0506	Networks 8	6
COMP-0507	Networks 9	6
COMP-0390	Operating Systems 2	6
PRAC-0075	Practicum - CMPST	8
COMP-0568	Technology Essentials 3	6
COMP-0377	Wireless Networking	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.

NEXT STEPS

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

assiniboine.net/nat

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