

Network Administration Technology

(two year post-secondary diploma)

Please read and think about the following information below carefully to decide whether this program is a good fit for you. This information may change and is simply intended to offer you a helpful perspective on what you will experience in this program.

- Orientation:** Typically, during the last week of August (**Required** for all students).
- Program Dates:** Four 4 month semesters of classes; one 2 month practicum at end of program. Exact dates will depend on intake start date.
- Scheduled Breaks:** Last week of December and first week of January (two weeks); first week of March (one week). Depending on intake, may also be a four month break. Check your registration for exact dates.
- Post-Graduation Work Permit length:** Up to 3 years.
- Schedule:** Monday to Friday, approximately 6 hours of class each day. For intakes other than September, schedule may include late afternoon and evening courses at some times of the year.
- Campus Location:** 1430 Victoria Avenue East, Brandon, Manitoba. See campus information [here](#)

What You'll Study:

All students will complete a "College Foundations" online course to develop the skills and attitudes of a successful Canadian student and employee.

Study computer operating systems, scripting and the architecture of computer hardware, networking systems and routing.

In addition to technical skills, learn employment skills such as customer service and emotional intelligence.

You will need to be very comfortable with the Windows operating system and capable of learning to use **new** software programs and other technology, quickly and correctly. If you have doubts, try quizzes here: <https://www.digitalliteracyassessment.org/> If you have difficulty with these quizzes, Network Administration Technology may not be a good choice for you.

See course descriptions [here](#). Click on the "Courses & Costs" tab.

See PDF document on [this page](#).

How You'll "Learn By Doing"

Most of the learning will **not** be "lecture style". You will work on projects and simulations, often in groups. You will solve "real-world" problems in computer networks. You will work with computer hardware and software for many hours each day.

Our instructors will explain and demonstrate how to configure complex computer networking solutions using virtualization technology and then support you as *you* build and configure computer networks, in a controlled environment.

We partner with Cisco Systems Inc., and use their current curriculum to teach network routing in a fully equipped Cisco lab.

At the end of Year 2, you will complete a two-month (unpaid) work practicum, generally as a junior computer systems administrator in the IT department in the public or private sector.

What You'll Need to Do to Graduate

Attend all classes: participate in activities, ask questions, complete all evaluations. Do **not** plan vacation/a trip home outside of regularly scheduled college breaks.

Purchase all required books and supplies.

You will require access to a computer at home, with internet access. (Most computer work will be done on-campus, but there could be tasks you need to do as homework.) See [this link](#) for at-home computing FAQs.

Pass all courses and maintain a Grade Point Average of 2.0 minimum (C--60%). Passing many courses with only a D (50%) can make your GPA too low to graduate. Re-testing is (usually) **not** an option. If you fail a course, it may not be available again until the following year and/or you could become a part-time student.

English only during class. All English skills (reading, writing, listening, speaking) are important. Evaluation could include tests, group projects, and presentations in English.

No personal cell phone use during class.

Do your own work. Cheating, not referencing sources of your ideas, or using other people's work (current or previous) will result in failing grades, probation or suspension.

Be respectful of all students and staff.

Ask for help when you need it!

How Assiniboine College Can Help You

Trained instructors will share their knowledge and experience from the industry, and will give you frequent and specific feedback on your progress.

Learning Commons staff can assist with study and test taking skills, mathematics, writing reports or term papers, and some tutorial support.

Student advising staff offer support for academic planning and can refer you to resources outside the college such as counselling, housing, and other supports.

A Regulated International Student Immigration Advisor can answer questions related to permits.

Job Options for Graduates

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 including web server support.

Possible jobs on Manitoba In-Demand Occupations list: [2242 – Electronic service technicians \(household and business equipment\)](#); [2281-Computer Network Technicians](#).

Other Important Information

“Co-op work permit” will be required by Immigration, Refugees and Citizenship Canada before you start the practicum placement. Your letter of acceptance will allow you to apply. Apply for this **early**, as processing time is very long! See IRCC website [here](#).

Industry certifications: You can choose to use skills you gain in this program to test for certificates like A+, Microsoft's MCP, MCSA and MCSE, Cisco's CCNA and CCENT, or Linux+ and Network+. (There will be additional fees for these certification tests.) You can arrange this testing in the college's Test Centre. Additional opportunities exist for diploma graduates with industry certification(s).