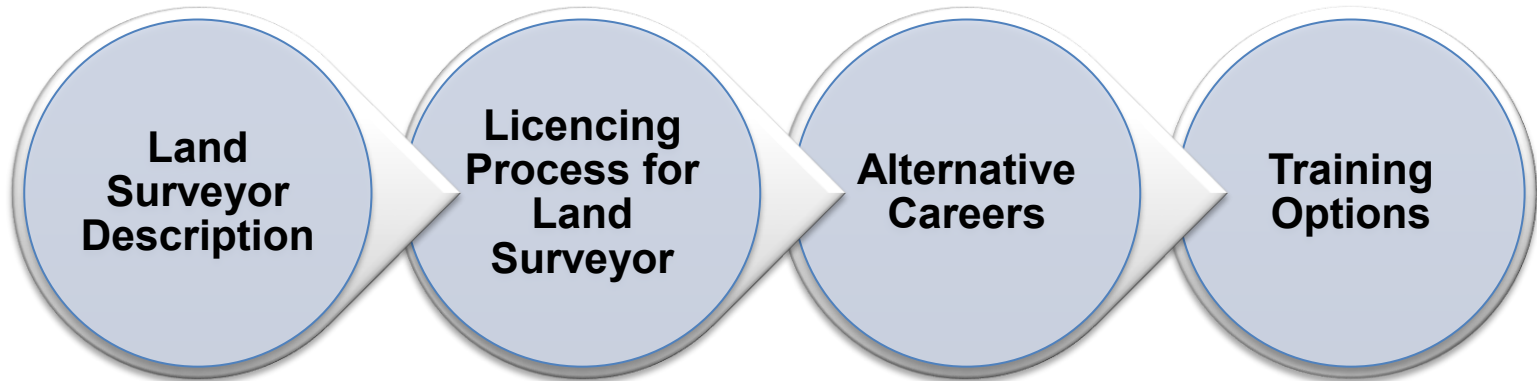


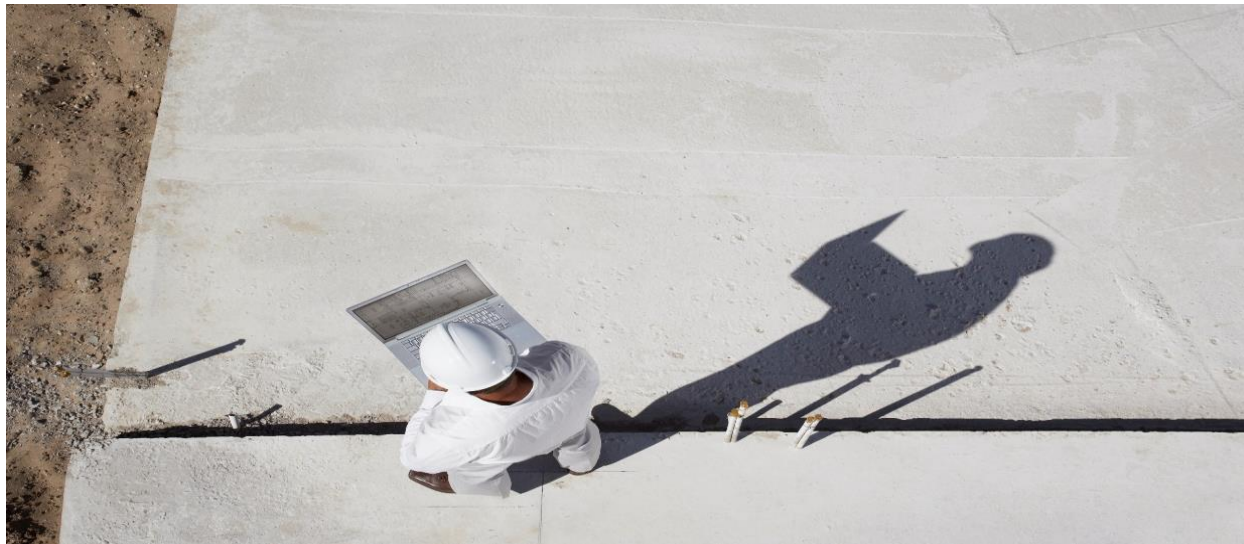
# Land Surveyor

Foreign Credential Recognition, Alternative Careers, and  
Training Options

# Career Development Manitoba



## What Roles do Land Surveyors in Canada Perform?



## Land Surveyors

[NOC website](#)



### Job Duties

- Develop survey plans, methods, and procedures for conducting legal surveys
- Plan, direct, and supervise or conduct surveys to establish and mark legal boundaries of properties, parcels of lands, provincial and Canada Lands, Aboriginal land claims, well sites, mining claims, utility rights-of-way, roadways and highways
- Survey and lay out subdivisions for rural and urban development
- Determine precise locations using electronic distance measuring equipment, global positioning systems (GPS), and unmanned aerial vehicles (UAV)/drones
- Analyze, manage, and display data using geographic information systems (GIS) and computer-aided design and drafting (CAD)
- Record all measurements and other information obtained during survey activities

## Land Surveyors

[NOC website](#)



### Employment Requirements

- A bachelor's degree in geomatics engineering or survey engineering is usually required.
- A college diploma in survey science or geomatics technology with additional academic credits and successful completion of equivalent examinations set by a regional board of examiners for land surveyors is required.
- A one- to three-year articling period is required.
- Successful completion of professional land surveyor examinations is required.
- A federal or provincial land surveyor's licence is required.

## Association of Manitoba Land Surveyors (AMSL) Process

Land Surveyors registered outside of Canada wishing to practice land surveying in Manitoba are required to complete the following steps:

### 1) Certificate of Completion (C of C)

- Obtain your Certificate of Completion (C of C) from the Canadian Board of Examiners for Professional Surveyors (CPEBS).

### 2) Land Surveyor in Training

- Apply to the AMSL to become a Land Surveyor in Training.

### 3) Internship and Examinations

- Complete the AMSL internship process and pass the professional examinations.

## Association of Manitoba Land Surveyors (AMSL) Process



- Obtain C of C from the Canadian Board of Examiners for Professional Surveyors (CPEBS).
  - 8 core subject areas
  - Foreign-trained land surveyors may have earned some or full credit toward the C of C.
  - Candidates may be required to take additional coursework in areas CPEBS has assessed are deficient.
- Submit application accompanied by:
    - C of C from CPEPS;
    - Resume of academic education, relevant training and experience;
    - Annual fee for a Land Surveyor in Training and any other fees associated with the application.
- Register as a Land Surveyor in Training and undertake an internship with a licensed Manitoba Land Surveyor.
  - Receive work experience and training; complete projects and reports; pass a series of written and oral examinations.
  - Minimum term of 18 months and a maximum term of 5 years.
  - Demonstrate language proficiency: CAEL Assessment (65) or IELTS Test (6.5).

## Transcript Assessments

- The Canadian Board of Examiners for Professional Surveyors (CBEPS) establishes, assesses, and certifies the academic qualifications of individuals who apply to become land surveyors and/or geomatics professionals in Canada, except for Quebec.
- You are required to contact your institute and have them send your transcript to CBEPS. CBEPS does not accept transcripts sent from the candidate.
- Please note that it can take as much as 4 to 6 weeks to process a candidate application. CBEPS cannot accept you as a candidate until they have your application, fee, and transcript.
- For more information, visit <https://cbeps-cceag.ca/>

## Getting Stared with the AMLS Process



- This [self-assessment form](#) will assist you in determining your knowledge and skill levels in each competency.
- Online courses from various institutions are available to assist candidates in obtaining the C of C from CBEPS.
- Study resources are available from the AMLS through its library and Student Assistance Committee.

## AMLS Contacts



Association of Manitoba Land Surveyors  
Room 202-83 Garry Street  
Winnipeg, Manitoba R3C 4J9



T: 204-943-6972  
F: 204-957-7602



<https://amls.ca/>  
E-mail: [executiveofficer@amls.ca](mailto:executiveofficer@amls.ca)

# Career Development Manitoba



Apply to CTTAM  
(Certified Technicians and  
Technologists of Manitoba)

## Alternative Careers for Land Surveyors



# Career Development Manitoba

Manitoba



Civil  
Engineering  
Technician/  
Technologist

Construction  
Specifications  
Writer

CAD  
Technician/  
Technologist

Geographic  
Information  
Systems (GIS)  
Technician

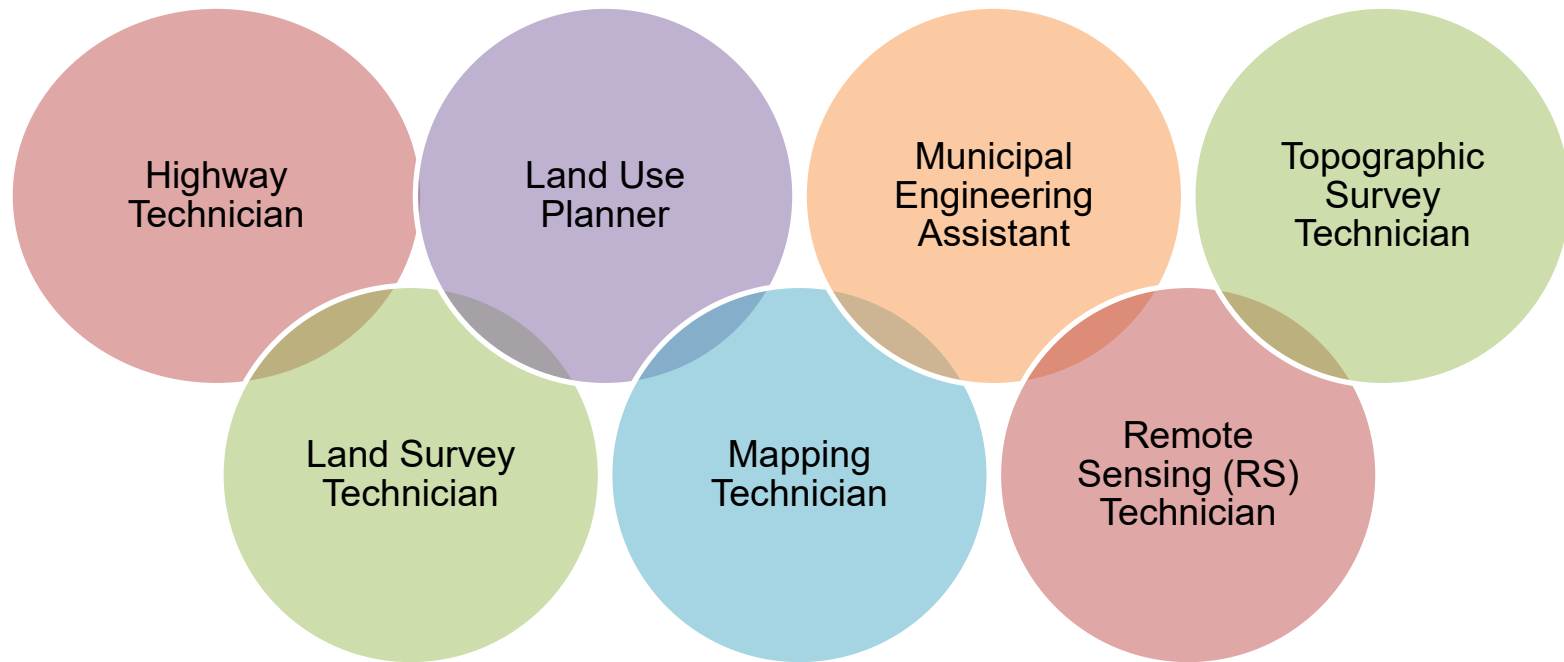
Community  
and Urban  
Planner

Construction  
Technologist

Draftsperson

For more information visit [NOC website](#)

# Career Development Manitoba



For more information visit [NOC website](#)

## Alternative Training Options



# Career Development Manitoba



Red River College Polytechnic

CTTAM (Certified Technicians and Technologists of Manitoba)

## Career Planning Can Help You

**Enter the workforce**

**Plan for education**

**Deal with changing workplace demands**

**Anticipate trends or changes**

**Upgrade or maintain your skills**

**Develop skills for managing your career**

## Reflecting on Barriers and Strengths





## Setting Short and Long-term Goals

**Set SMART Goals**  
What? When?  
How?

**How much time do  
you have  
to complete  
each step?**

**What resources  
might you need?  
Who can help?**

## Career and Education Plan

Name and Client ID: Jon Doe (123456)

### Short Term Goal 1

Landscaper

### Short Term Goal 2

Land Survey Technician

### Long Term Goal

Land Surveyor

#### Achieving and Maintaining Long-Term Employment

- Maintaining long term employment and Career Management – An ongoing process:
  - a. Continuous learning – develop new skills or refine existing skills
  - b. Professional development – take courses, attend workshops, read, network, volunteer
  - c. Balancing work and life – reflect on values, priorities, and life circumstance
- Other: Complete Licensure process to become a Canadian Land Surveyor

#### Researching Post Secondary Training

- Research education and training options Date: \_\_\_\_\_
- Identify post-secondary institution Date: \_\_\_\_\_
- Verify admissions requirements Date: \_\_\_\_\_
- Research funding options (Employment MB, SEED Recognition Counts, Student Aid, etc.) Date: Jan 25, 2021
- Other: Book a meeting with a counselor at SEED Winnipeg Date: Jan 25, 2021

#### Qualification Recognition

- Research your regulated profession or trade Date: Jan 28, 2021
- Contact regulatory body Date: Jan 28, 2021
- Identify necessary requirements (language level, transcript, syllabus, etc.) Research Funding Options Date: Jan 28, 2021
- (Immigrant Access fund, Employment MB, SEED Recognition Counts, MB Student Aid, bursaries, financial institutions, etc.). Date: Feb 5, 2021
- Other: Attend Qualifications Recognition webinar/information session at Manitoba Start Date: Feb 5, 2021

#### Skill Development

- Research job specific training (First Aid/CPR, forklift, security guard license, etc.) Date: Jan 25, 2021
- Complete computer assessments sent by facilitator/coach; consider computer training Date: Jan 25, 2021
- Consider volunteering (visit [www.volunteermanitoba.ca](http://www.volunteermanitoba.ca)) Date: Feb 5, 2021
- Language assessment at WELARC Date: Feb 5, 2021
- Obtain Driver's license Date: Feb 8, 2021
- Other: Identify skill training options for Land Surveyors with career coach on January 25, 2021. Date: \_\_\_\_\_

#### Job Search Preparation

- Complete Career Development Workshop at Manitoba Start Date: Jan 25, 2021
- Finalize marketing materials (resume, cover letter, references) Date: Jan 25, 2021
- Apply for Security Clearance Checks (criminal record check, child abuse registry, adult abuse registry, immunizations record) Date: Jan 25, 2021
- Other: Discuss the QR process for Land Surveyors with career coach on January 25, 2021. Date: \_\_\_\_\_

# Career Development Manitoba



If you require additional information about Foreign Credential Recognition, please get in touch with a Foreign Credential Recognition Navigator at [fcr@manitobastart.com](mailto:fcr@manitobastart.com)

If you are not currently a Manitoba Start client, register with us:

- Call front desk at 204-944-8833
- Visit in person
- Complete our online [registration form](#) to receive career development support.

Good luck with your career planning and work search!