



# PROJECT MANAGER

Construction project managers play a key role on construction projects. They plan, schedule, organize, direct, control and evaluate activities on construction projects. Depending on the company they may be responsible for billion dollar projects.

## Program:

Civil engineering is one of the broadest areas of engineering practice, and includes multiple fields of practice, such as structural analysis, roadways and transportation innovations, bridges, municipal works, geotechnical applications, hydraulics, and more. Civil Engineers prepare project specifications for material, equipment, and installation. They deliver designs that meet industry standards, and solid constructability. They complete project documentation, work with municipalities, contractors, and the public to ensure design and construction is safe and meets regulations.

## Colleges :

- MCMASTER UNIVERISTY- CIVIL ENGINEER
- RYERSON UNIVERSITY- CIVIL ENGINEER
- UNIVERSITY OF WATERLOO-CIVIL ENGINEER
- UNIVERSITY OF WESTERN ONTARIO- CIVIL ENGINEER
- UNIVERSITY OF TORONTO-CIVIL ENGINEER



## N.O.C. 0711

### DUTIES

Reading Text  
Document Use  
Measurements & Calculations  
Problem Solving  
Critical Thinking

### SKILLS

- Plan, schedule, organize, direct, control and evaluate construction projects from start to finish
- Handle project administration; including cost control, schedule
- Prepare project budget estimates
- Implement quality controls
- Hire and supervise the activities of subcontractors
- Read and interpret documents, work with numbers to perform calculations
- Problem solving skills to provide solutions to challenges

### EDUCATION

- Project Management Institute (PMI) offers great courses for this profession
- The Canadian Construction Association offers Gold Seal Courses for Project Managers
- A university degree in civil engineering or a college diploma in construction technology may be required.

## HAND ASSOCIATION

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