

Energy to Digital Growth Education and Upskilling Project (EDGE UP)

The University of Calgary Continuing Education will deliver the *Information Technology Project Management* program to EDGE UP selected participants.

Program description

A rapidly changing technological environment demands companies to have different information technology (IT) implementation, add new features and functionality to existing systems or create new software.

This program is designed to prepare project managers for IT projects by introducing a variety of project management concepts, tools and techniques specific to IT projects. Both, traditional and agile project management methods are examined.

The program explores the organizational change management process and complexities involved in executing an IT project.

Behavioural skills will also be examined as an important role in elevating the technical skills beyond the project management methods.

This program includes real-life application exercises and a capstone project.

Program Learning Outcomes

Upon completion of the program, successful students will be able to:

- Identify the elements that comprise an IT project
- Describe various project management tools and techniques and how they apply to IT projects
- Discuss how organizations develop and deliver IT project methodologies
- Recognize change management processes and approaches
- Demonstrate both the behavioural and technical skills required to work with teams and diverse stakeholders related to IT project management
- Apply project management strategies and practices to IT projects and initiatives

Courses

Procurement and Contract Management
Project Management: Hr and Communication
Leadership in Project Management
Change Management Theory and Application
Software Development Foundations
Agile Software Development and Practice
Information Technology Foundations (Cloud Computing, Security, etc.)
Infrastructure Projects
Social Intelligence Transform Relationships
Emotional Intelligence

Productivity Skills and Tools for Managers
Facilitation Skills
Dealing With the Difficult Conversation
Art of Giving and Receiving Criticism
Effective Decision Making in a Complex Environment
Getting Things Done Through Influence
Consulting Skills for Leaders within Organizations

And a work integrated learning capstone project with EDGE UP partner Riipen.