OVERVIEW

Agile project management is a value-driven approach that focuses on continuous improvement, agility, team input and delivering quality products and services on time and on budget. Participants will learn about the application of this iterative development methodology to products, solutions and software development. Once the seminar is complete participants will be able to materialize their learning by completing an online exam to be a Certified SCRUM Master.

KEY BENEFITS & TAKEAWAYS

- Understand and use the Agile and SCRUM principles
- Understand when to apply iterative project management techniques
- Setting up and managing a SCRUM based or Agile project
- Initiate the project with the relevant tools
- Plan and estimate projects and sprints (project iterations)
- Understanding of how to scale Scrum from small-sized to large projects
- Understand how to review the project outcomes and plan releases

2-day program
**WHO SHOULD ATTEND?**

This seminar is designed for managers or team leaders at all levels interested in fast-paced and iterative product or service development. Any of these participants will benefit from early adoption of these competitive methods.

**PROGRAM IN DETAIL**

The program includes key practical insights, case studies, discussions, individual exercises and small group work. The interactive seminar format maximizes learning by encouraging participants to share experiences and ideas. Those wishing to become a certified SCRUM master will be able to qualify by taking the optional online exam 2 weeks after the completion of seminar.

---

### Key Themes covered over the duration of the program include:

**DAY ONE**

**Agile Manifesto & Principles**
- History
- Difference between traditional waterfall project management and Agile
- Principles
- Who is using Agile and SCRUM

**SCRUM Principles**
- Self control
- Collaboration
- Prioritization
- Time boxing
- Iterative development
- Lean and Agile comparison

**Iterative Project Management Conditions**

**Project Management Roles**
- Product owner
- Team
- Team profile
- Scrum master

**DAY ONE (CONT’D)**

**Setting up and managing a SCRUM project**
- Overall phases
- Visual management
- Kanban and pull principle

**Initiation of the project – tools**
- Project vision
- Scrum Team selection and support
- Developing the epics
- The prioritized product backlog and its management
- Planning the release

**DAY TWO**

**Planning and estimating tools**
- Writing user stories
- Acceptance criteria definition
- Testing strategies and levels
- Why using personas
- User stories estimation techniques
- Approval and Breakdown to tasks

**Implementing and reviewing tools**
- The sprint process
- Team interactions and daily management standups (SCRUM meeting)
- The 3 fundamental questions
- The scrum board
- Metrics, burndown chart, Kanban board

**Release planning tools**
- Sprint reviews
- Acceptation and rejection management
- Lessons learned sessions (retrospect)
- Release planning schedule
- Planning for the next cycle

**Final case study**

**SCRUM Master Certification Exam**
- Administered online 2 weeks post seminar

---

As an integral part of McGill's Desautels Faculty of Management, the Institute's faculty team is comprised of McGill University professors and lecturers as well as highly-rated academic and business experts from around the world. Please visit our website to review the complete faculty team assigned to this program.