

Management Science (MGSC) 419

Information Technology Project Management (Revision 4)

Status: Replaced with new revision, see the [course listing](#) for the current revision ✖

Delivery mode: Individualized study online with eText

Credits: 3

Area of study: Applied Studies (Business and Administrative Studies)

Prerequisites: CMIS 351

Precluded: None

Challenge: MGSC 419 has a challenge for credit option.

Faculty: Faculty of Business

Notes: Students registering in grouped study mode are advised that there may be some differences in the evaluation and course materials information indicated below. To obtain the most up-to-date information, contact the Faculty of Business Student Support Centre at 1-800-468-6531.

Overview

This course aims to achieve the following objectives:


- Provide an overview of project management concepts, characteristics, and environments.
- Discuss the importance of project definition and help students learn about important project definition tools such as the project overview statement (POS), requirements definition, and use cases.
- Teach fundamental planning and scheduling techniques useful for project managers such as work breakdown structures (WBS), critical path method (CPM), and Gantt charts.
- Introduce the importance of risk assessment within project management.
- Examine important monitoring and control tools and techniques such as earned value analysis and milestone trend charts.
- Discuss the importance of change control in traditional project management.
- Examine different project management approaches applied in different contexts.
- Discuss the importance of post-implementation audits

Outline

MGSC 419 consists of 10 lessons, as outlined below:

- Lesson 1: Defining Projects and Project Management
- Lesson 2: Project Management and the System Development Life Cycles
- Lesson 3: The Scoping Process Group
- Lesson 4: The Planning Process Group
- Lesson 5: The Launching Process Group
- Lesson 6: The Monitoring & Controlling, and Closing Process Groups
- Lesson 7: Putting it All Together: Agile Project Management
- Lesson 8: Putting it All Together: Comparing TPM and CPM Models
- Lesson 9: Hybrid PMLC Mode

Evaluation

To **receive credit** in MGSC 419, you must receive a course composite grade of at least **D (50 percent)**  and a grade of at least 50 percent on the Final Examination. The weighting of each component is as follows:

Activity	Weight
Assignment 1	10%
Assignment 2	15%
Assignment 3	20%
Online Discussion	15%
Final Online Exam	40%
Total	100%

The **final examination** for this course must be requested in advance and written under the supervision of an AU-approved exam invigilator. Invigilators include either ProctorU or an approved in-person invigilation centre that can accommodate online exams. Students are responsible for payment of any invigilation fees. Information on exam request deadlines, invigilators, and other exam-related questions, can be found at the [Exams and grades](#) section of the Calendar.

To learn more about assignments and examinations, please refer to Athabasca University's [online Calendar](#).

Materials

Wysocki, R. K. (2019). *Effective project management: Traditional, agile, extreme, hybrid* (8th ed.). Wiley. (eText)

eText

Registration in this course includes an electronic textbook. For more information on **electronic textbooks**, please refer to our [eText Initiative site](#).

Other Resources

All other learning resources will be available online.

Challenge for credit

Overview

The challenge for credit process allows you to demonstrate that you have acquired a command of the general subject matter, knowledge, intellectual and/or other skills that would normally be found in a university-level course.

Full information about [challenge for credit](#) can be found in the Undergraduate Calendar.

Evaluation

To **receive credit** [↗](#) for the MGSC 419 challenge registration, you must complete an assignment and an exam. You must achieve a grade of at least **D (50 percent)** [📄](#) on the examination and a composite grade of at least D (50 percent).

- Online Exam
- Project Management Analysis Paper

[📄](#) **Challenge for credit course registration form**

Important links

- [Academic advising](#)
- [Program planning](#)
- [Request assistance](#)
- [Support services](#)

Athabasca University reserves the right to amend course outlines occasionally and without notice. Courses offered by other delivery methods may vary from their individualized study counterparts.

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View **previous revision** 
