MASTER’S DEGREE (ONLINE)

TECHNOLOGY MANAGEMENT
(ENGINEERING & APPLIED SCIENCE TECHNOLOGY)

Understand and manage processes in technology-based organizations.
PROGRAM DESCRIPTION

The Master of Technology Management (Engineering and Applied Science Technology) is an innovative program, the first of its kind in Canada. This online program provides professional development opportunities for busy, working professionals engaged in a variety of engineering technology and applied science disciplines.

The program provides the knowledge and skills necessary to effectively manage complex technical operations, deal with the challenges and dynamics of innovation-driven industries, and strategically consider issues encompassing the management of engineering technology.

This program is offered fully online, and applicants from the global community are invited to apply.

For more information and to apply, visit www.mi.mun.ca/mtm.

PROGRAM OBJECTIVE

The Master of Technology Management program will provide graduates with strategic planning and decision making skills in the context of engineering and applied science technology-based organizations. Graduates will gain insight into the nature, structure and operation of technical operations, and the factors that influence their success.

The Program enhances career development opportunities for entry-level and mid-career managers or those looking to become managerial professionals in the field of engineering and applied science technology.
## PROGRAM STRUCTURE

Participants will complete course work offered by the Fisheries and Marine Institute, Memorial University.

### PROJECT OPTION
- Two core courses (6 credit hours)
- Six elective courses (18 credit hours)
- Project in Engineering Technology Management (6 credit hours)

### COURSE OPTION
- Two core courses (6 credit hours)
- Eight elective courses (24 credit hours)

### CORE COURSES
- MSTM 6031: Overview of Technical Operations
- MSTM 6032: Managing Technological Innovation

### ELECTIVES
- MSTM 6022: Communication and Conflict Resolution in the Technical Environment
- MSTM 6023: Strategic Planning, Policy, Participation and Management of Engineering Technical Operations
- MSTM 6030: Principles of Management for Engineering Technology Enterprises
- MSTM 6033: Quality Systems
- MSTM 6034: Project Management in the Offshore, Health, Fisheries and Engineering Technology Environments
- MSTM 6035: Information Technology Applications in the Health And Engineering Technology Environments
- MSTM 6036: Supply Chain Management and Advanced Engineering Technology Operations
- MSTM 6037: Risk Analysis and Operations in the Engineering Technology Sector
- MSTM 6038: Manufacturing and Engineering Technology Management
- MSTM 6039: Sustainability and Environmental Responsibility
- MSTM 6052: Management of Intellectual Property
- MSTM 6054: Technology Assessment
- MSTM 6056: Management of International Development

### PROJECT OPTION
- MSTM 6100: Project in Engineering and Applied Science Technology Management (6 credits hours)

## ADMISSION

### REQUIREMENTS

Admission to the Program is on a competitive basis.

Applicants must meet Memorial University School of Graduate Studies’ admission requirements.

In addition, to be considered for admission to the Engineering and Applied Science Technology Option an applicant will normally possess a second class or better undergraduate degree from a university of recognized standing and will normally have:

- A Memorial University Bachelor of Technology, Bachelor of Maritime Studies, or a comparable undergraduate degree with appropriate technology sector and business management course work; and
- A minimum of two (2) years’ relevant employment experience.

### HOW TO APPLY

Applicants should submit their application to Memorial University’s School of Graduate Studies by the following deadlines:

- **FALL SEMESTER — MAY 15**
- **WINTER SEMESTER — SEPTEMBER 15**

For more information and to apply online, go to [www.mun.ca/become/graduate/apply](http://www.mun.ca/become/graduate/apply).
## Course Selection Chart

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## Program Delivery and Support

The overall structure of the program is course-based with courses offered online by the Fisheries and Marine Institute of Memorial University. This is fully supported by Centre for Innovation in Teaching and Learning (CITL). Brightspace is used as the main content delivery method and provides a virtual classroom for each course in the program.

Students can avail of all the services and support offered by the Marine Institute and Memorial University including access to the extensive University Library System resources and to Help Desk support available through CITL for technical issues related to Brightspace.

## About the Marine Institute

As a campus of Memorial University of Newfoundland, the Fisheries and Marine Institute is Canada’s most comprehensive centre for education, training, applied research and industrial support for the ocean industries.

Located on the edge of the Atlantic Ocean, we are one of the most respected centres of marine learning and applied research in the world.

The Marine Institute provides more than 20 industry-driven programs ranging from technical certificates to master’s degrees. In addition to undergraduate and graduate degrees, the Institute offers advanced diplomas, diplomas of technology and technical certificates.

The Institute also runs a variety of short courses and industrial response programs. All programs and courses are designed to provide students with knowledge and skills required for success in the workforce.

The Institute has three Schools — the School of Fisheries, the School of Maritime Studies and the School of Ocean Technology — and within these Schools a number of specialized centres and units.

These centres and units lead the Institute, both nationally and internationally, in applied research and technology transfer and in the provision of training to a variety of industry clients.
CONTACT INFORMATION

GRADUATE STUDENT RECRUITMENT OFFICER
Division of Academic and Student Affairs
Fisheries and Marine Institute of
Memorial University of Newfoundland

Telephone: 709.778.0395
Toll-free: 1.800.563.5799, ext. 0395

recruitment@mi.mun.ca
www.mi.mun.ca/mtm
www.mun.ca/become/graduate

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