



AEROSPACE ENGINEERING

NON-CREDIT PROGRAM WITH TRANSCRIPT

DATES

July 30 - August 17, 2018 (3 weeks)

COURSES

1. FUNDAMENTALS OF AEROSPACE METALLIC MATERIALS (30 HOURS)

This course will present the fundamentals of metals as a material, light metals and super alloys as they are widely used in aerospace design, as well as hot working of metals. It offers 15 hours of labs as part of the 30 contact-hours.

2. INTRODUCTION TO ENGINEERING DESIGN OPTIMIZATION (15 HOURS)

This course will present basic optimization theory, algorithms and computational tools for engineering design. The student will learn to develop proper mathematical models to formulate design optimization problems and choose/apply appropriate optimization algorithms to solve them.

3. BASIC PRINCIPLES OF PROJECT MANAGEMENT (15 HOURS)

This course addresses fundamental project management principles and techniques and introduces tools and templates that can be immediately applied to address real life project situations. Participants learn how to clearly define a project outcome in terms of client and stakeholder expectations, how to develop a project charter, and how to create and monitor a project plan using MS Project 2010 software in a hands-on laboratory setting.

These courses are non-credit. A McGill transcript will be issued for these courses. The language of instruction is English (TOEFL 550+ - paper-based or equivalent). Courses can be taken individually.

FEES

- Tuition Fees: \$2530 CAD
- Ancillary Fees: \$320 CAD
- Total Program Fees: \$2850 CAD (≈ \$2210 USD*)

Save \$400 CAD and pay \$2450 CAD (≈ \$1900 USD) instead of \$2850 CAD (≈ \$2210 USD) if you register before March 31, 2018!

- Fees include:
 - International Health Insurance (for non-Canadian residents)
 - Course material
 - Official McGill transcript
 - Attestation of Completion of Program
 - Orientation session
 - Welcome and Farewell receptions
- Optional:
 - Accommodation (Double Occupancy): \$787.95 CAD
 - Cultural and social activities (Fees to be announced)
- Not included:
 - Meals

**Invoicing is in Canadian dollars, US\$ pricing based on the 01/11/17 rate is for comparative purposes only and is subject to change.*

