**Using the Engineering Student Machine Shop in MC-78**

The Engineering Student Machine Shop is available for use by U of T students enrolled in any graduate or undergraduate ***engineering*** program, plus postdoctoral fellows and researchers whose primary UofT appointment is within the **Faculty of Applied Science and Engineering**. The shop has a wide assortment of lathes, mills, drill presses and other tools for machining steel, aluminum, plus an assortment of other metals and plastics. There are two full-time professional machinists assigned to help students with their project designs and operation of the equipment. During much of the academic school year, this shop is open for extended hours, including weekday evenings and Saturdays.

**How to get access privileges to the Engineering student machine shop:**

1. Enroll in a **Basic Machining** training course offered at George Brown College for UofT students. This course is two days long, and is offered on two successive Saturdays or Sundays several times during the academic year. Course schedules and registration instructions are on the MIE Machine Shop web-site (URL is printed below).
2. Complete the MIE on-line general safety course. Send an e-mail request for on-line access to this course, including your name (as it appears in your registration documents) and UTORID to safetycourse@mie.utoronto.ca . There is no fee. (Researchers who do not have a UTORID should contact Professor Sinclair at sinclair@mie.utoronto.ca). Note that you cannot substitute any other safety course for the MIE safety course.
3. Review the on-line student safety manual and on-line descriptions of how to use standard machining equipment, posted on our Machine Shop web-site.
4. Next, the applicant signs up outside MC78 for a seminar/safety course on operation of our specific machines and shop rules. The course will normally be run by one of the two student machine shop supervisors: Jeethendra Anayat or Shawn Miehe. Following this seminar, there is a short test. There is no fee.
5. Once the above steps are complete, the applicant goes to the machine shop to complete registration and is then eligible to use the student machine shop for the remainder of the academic year, until August 31. To maintain access privileges for the MIE student machine shop in subsequent academic years, the University requires that the student complete an annual on-line refresher safety course. To register for that refresher course, please contact safetycourse@mie.utoronto.ca. There is no fee payable for such renewals. The George Brown Basic Machining course and MIE shop seminar do not need to be repeated annually.

Students themselves do not pay a fee for using the MIE machine shop. However, academic supervisors of *graduate* students will be charged at a rate of $25/hour for shop usage time.(graduate students registered in MIE excepted).

*Further information, registration information for George Brown courses, description of machine shop facilities, contact info, hours of operation:*

 Go to “MC-78 Machine Shop” at [www.mie.utoronto.ca](http://www.mie.utoronto.ca)

Questions? Contact Professor Sinclair at: sinclair@mie.utoronto.ca

or Ryan Mendell at: ryan@mie.utoronto.ca