

Materials Science and Engineering, University of Toronto
Teaching Assistantships for Winter 2014-2015 Academic Session (Tentative)

Term of Appointment: September 2014-December 2014

| Course # | Course Name | Instructor | Hours | Position Available | No. Positions Available |
|----------|---|--------------------------|-------|--------------------|-------------------------|
| MSE101F | Introduction to Materials Science | Scott Ramsay | 100 | Head Lab TA | 1 |
| | | | 65 | Tutorial | 5 |
| | | | 60 | Lab | 6 |
| MSE202F | Thermodynamics | TBA | 66 | Tutorial | 1 |
| MSE219F | Structure and Characterization of Materials | Zheng-Hong Lu | 60 | Tutorial | 1 |
| | | | 62 | Lab | 3 |
| MSE244F | Inorganic Materials Chemistry and Processing | Keryn Lian | 60 | Tutorial | 1 |
| | | | 64 | Lab | 1 |
| MSE318F | Phase Transformations | Glenn Hibbard | 95 | Lab | 2 |
| MSE332F | Heat and Mass Transfer for Materials Processing | Tom Coyle | 60 | Tutorial | 2 |
| MSE342F | Nanomaterials | Uwe Erb | 50 | Tutorial | 1 |
| MSE343F | Biomaterials | Eli Sone | 50 | Tutorial | 1 |
| MSE401F | Materials Selection in Design II | Mansoor Barati | 60 | Tutorial | 1 |
| MSE419F | Fracture and Failure Analysis | Zhirui Wang | 42 | Tutorial | 1 |
| MSE430F | Electronic Materials | Harry Ruda | 40 | Tutorial | 1 |
| MSE431S | Forensic Engineering | Perovic, Doug | 25 | Tutorial | 1 |
| MSE440F | Biomaterial Processing and Properties | Ben Hatton | 40 | Tutorial | 1 |
| MSE450F | Plant Design for Materials Process Industries | Frank Wheeler/Jack Young | 75 | Tutorial | 2 |
| MSE459F | Synthesis of Nanostructured Materials | Uwe Erb | 50 | Tutorial | 4 |
| MSE490F | Professional Ethics and Practice | TBA | 60 | Tutorial | 2 |
| MSE504F | Extractive Metallurgy | TBA | 45 | Tutorial | 1 |
| MSE561F | Engineered Ceramics | Tom Coyle | 20 | Tutorial | 1 |

COURSE DESCRIPTIONS ARE AVAILABLE HERE:

<http://www.apsc.utoronto.ca/Calendars/2014-2015/>

Notes:

1. These jobs are posted in accordance with the CUPE 3902 Collective Agreement. Department Standards and Policies are available in the Department Office and at the CUPE, local 3902 office.
2. It is understood that some announcements of vacancies are **tentative**, pending final course determinations and enrolment.

Effective September 2013, the following TA rates apply. Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail:

Undergraduate \$42.05 per hour
SGS I \$42.05 per hour
SGS II & PDF \$42.05 per hour
Assistant Invigilator \$27.70 per hour

Complete application must be submitted to Maria Fryman, WB 140, by May 30, 2014.