

# GNG1105 – Engineering Mechanics



uOttawa

L'Université canadienne  
Canada's university

## FINAL EXAM FAQs

Patrick Richer, Ph.D., P.Eng.

Université d'Ottawa | University of Ottawa



[www.uOttawa.ca](http://www.uOttawa.ca)

## ***1. When is the Final Exam?***

**➔** Thursday, April 21<sup>st</sup> 2016 @ 2:00PM in room GYM B

There will be a randomized seating plan, please arrive at least 15-20 minutes early to allow sufficient time to find your seat.

## ***2. What does the exam cover?***

**➔** The exam covers everything we've seen during the course.

### ***3. Are there any theoretical questions on the exam?***

**➔** No, only problems (similar format to the midterm).

#### ***4. How many questions are on the exam?***

**→** 5 Questions:

One 3D equilibrium problem

Two problems from chapter 6 (Trusses/Frames/Machines)

One friction problem

One kinematics problem

## ***5. What kind of difficulty level should we expect?***

➔ Somewhere between super easy (don't need to study) and impossible... 😊 Depends on who you ask!

The exam will reflect a similar level of difficulty to problems from the tutorials, quizzes, midterm and examples solved in class.

If you are comfortable with all these as well as the suggested problems from each chapter, then you should be fine for the exam.

**Tip: Practice, Practice, Practice!!! And come see me during my office hours if you are struggling with certain topics!**

## ***6. What formulas do we need to learn by heart?***

- ➔ The formulas that will be provided with the exam are posted on Blackboard (in the “Final Exam Resources” folder).

## ***7. Are there other resources to help us study?***

### **➔ Check Blackboard:**

- Solutions to all suggested problems and tutorials
- “Final Exam Resources” folder:
  - Sample exams from previous years
  - GNG1105 Review Presentation
  - Midterm with solutions

### **➔ GNG1105 Review Session offered by the Mentoring Center: Monday April 18<sup>th</sup> 2016, CBY D207, 2:30PM-5:30PM**

**8. *Are you marking the final, or is the T-A marking it?***

**➔** I will be marking the final.

## ***9. Will you be offering office hours before the final exam?***

**➔** Yes, an announcement has been posted on Blackboard.

I will hold office hours on:

Wednesday, April 20<sup>th</sup> 2016

in CBY A211

9:00AM to 4:00PM

## 10. *What is going on next Tuesday (April 12<sup>th</sup>)?*

- ➔ Students are required to follow their Friday course schedule on April 12<sup>th</sup> (this is to make up for the classes missed on the Easter Friday holiday).
  
- ➔ Changes to the schedule for next Tuesday (April 12<sup>th</sup>) for this course:
  - The tutorial for DGD group 2 (from 11:30AM-1:00PM in LMX407) is cancelled.
  - The lecture (from 4:00PM-7:00PM in MNT201) will be replaced by a tutorial. This tutorial will not run the full 3hr timeslot, it will be similar to a regular tutorial. There will be a short quiz at the beginning of this tutorial (based on the material from Chapter 7 - Friction), followed by a few demonstration problems for chapter 8 (kinematics).

## ***11. When/where can I collect my last quiz copies?***

- ➔ I will have them in my office as soon as marking is complete (I will post an announcement on Blackboard when they are ready). Please come by my office (CBY A211) to collect your quiz copies during my office hours.