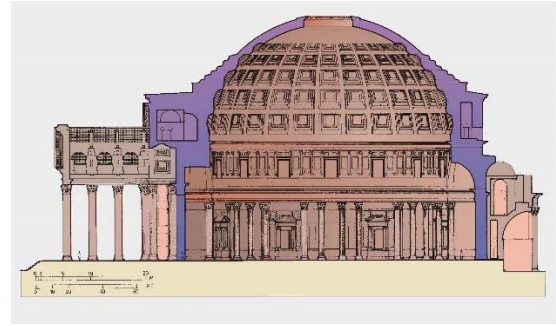**Course Details**

Instructor – LEC0101 & LEC0102
Prof. Evan Bentz, GB227
bentz@ecf.utoronto.ca

Head Teaching Assistant
Raymond Ma, GB213d
raymond.ma@mail.utoronto.ca

Course Structure and Communication

Lectures: Lectures will take place three days per week in person in SF1105. Lectures, which are delivered by the Course Instructor, are where the key course material is presented. Taking written notes during the lectures is strongly recommended.

Tutorials: Tutorials, which are noted as PRA sections in your timetable, are in-person classes with your assigned Teaching Assistant (TA). During the tutorial, students may ask questions and the TA will review course material and conduct worked examples. Exceptions to this routine will be announced on Quercus.

                 TA assignments will be posted prior to the first tutorial. Tutorials begin on the week of Monday September 12, 2022.

Communication: To keep students up to date with the course, announcements will be posted regularly on Quercus. Email may also be used for private correspondence with your instructor or TA.

                 Concerns relating to personal situations such as missed term work, tutorial absences, issues related to physical/mental health etc. should be sent to your TA, Head TA, and instructor by email. Please let us know of any issues in advance so they are addressed in a timely manner.

Graded Assessments and Final Mark Breakdown

Quizzes:	25% – Marked by TAs
Assignments:	8% – Marked by TAs
Course Project:	17% – Marked by TAs
Final Exam:	50% – Marked by Course Instructors

Quizzes: Quizzes will take place during the last 30 minutes of each tutorial. All quizzes are open book and students are encouraged to make use of their written notes and the provided course notes when solving the problems (note: only handwritten or printed aids are permitted for in-person assessments). A non-programmable calculator may be used to solve the quiz problems. It is anticipated that 10 quizzes will be written during the term.

Assignments: Assignments will be released weekly which consist of a series of problems to solve. Assignments will typically be released on Tuesdays at 00:00 Toronto time and due back after one week at the beginning of each students' assigned tutorial. Submissions in .pdf form are to be submitted electronically on Quercus. Late assignments will be penalized. Your mark on each assignment is determined by the TA grading **one** problem. An attempt must be made at each problem on the assignment; problem sets which have not been completed (or attempted) in full will receive a grade of 0. It is anticipated that 8 assignments will be completed during the term.

Course Project: The Course Project will be a group project which involves the design and construction of a simple structure, which will be tested to failure during the final tutorial of the term. More details about Course Project will be announced before the Fall Study Break.

Final Exam: The Final Exam will take place during the exam period in December. More information about the final exam will be released as the date approaches. Like the weekly quizzes, the Final Exam will also be open book and any non-programmable calculator may be used.

** Please note that the format and delivery of the assessments may be affected by the COVID-19 restrictions.

Course Materials
A comprehensive set of course notes can be found on the Quercus website. Students are allowed to print a physical copy for the quizzes and final exam. Quizzes and exams in CIV102 are open book and will require information that is found in the appendices of the course notes.

Quiz and Assignment Requirements & Presentation of Final Answers

Formatting: All submissions shall be neatly completed by hand. Submitted work which is completed in-person must be done in pencil. Online submissions may be scans/photos of written work, or written documents prepared digitally using a tablet computer. Rulers should be used to draw straight lines when possible. All submissions must include the following information written into the document on the top-left corner of the first page:

- Full Name
- TA name
- Submission name (i.e., Assignment #1,)
- Submission date

Question numbers must be clearly indicated on submitted work so that the grading TA is able to locate each answer. A box must be drawn around each final answer to clearly identify it. For digital submissions, the use of colours to identify/label important parts of your submission is encouraged.

Content: Intermediate calculations must be shown to support each final answer. Solutions without evidence of intermediate work will be considered as being incomplete.

Sig. Figures: All final answers must be presented with "slide-rule precision", with four significant figures if the first digit of the number is a "1" (e.g., 1025, 12.78, 1.068), or three otherwise (e.g., 589,000, 3.14). Engineering notation, i.e., scientific notation where the exponents are multiples of three, shall be used for reporting very large or very small quantities (e.g., 56.5×10^6, 204×10^{-9}).