

Faculty of Engineering

Department of Civil and Environmental Engineering

# MEng at The Department of CEEMP

Dr. Lijun Deng

MEng Academic Advisor

Department of Civil and Environmental  
Engineering + School of Mining and  
Petroleum Engineering



**UNIVERSITY  
OF ALBERTA**

# Territorial Acknowledgment

The University of Alberta, its buildings, labs and research stations are primarily located on the territory of Néhiyaw (Cree), Niitsitapi (Blackfoot), Métis, Nakoda (Stoney), Dene, Haudenosaunee (Iroquois) and Anishinaabe (Ojibway/Saulteaux), lands that are now known as part of Treaties 6, 7 and 8 and homeland of the Métis. The University of Alberta respects the sovereignty, lands, histories, languages, knowledge systems and cultures of all First Nations, Métis, and Inuit.



# Graduate Office People

## Associate Dean (Graduate Students)

Dr. Zaher Hashisho

Office: 7-241

Email: [ad.ceegrad@ualberta.ca](mailto:ad.ceegrad@ualberta.ca)

## MEng Academic Advisor

Dr. Lijun Deng

Office: 6-261

Email: [civmeng@ualberta.ca](mailto:civmeng@ualberta.ca)

## Graduate Program Advisors

Ms. Trina Cattral – 7-387

Ms. Arlene Figley – 7-389

Ms. Christina Ezekowitz – 7-381

Email: [cgradvis@ualberta.ca](mailto:cgradvis@ualberta.ca)

All the offices are in the **Donadeo Innovation Centre for Engineering** (DICE Building)



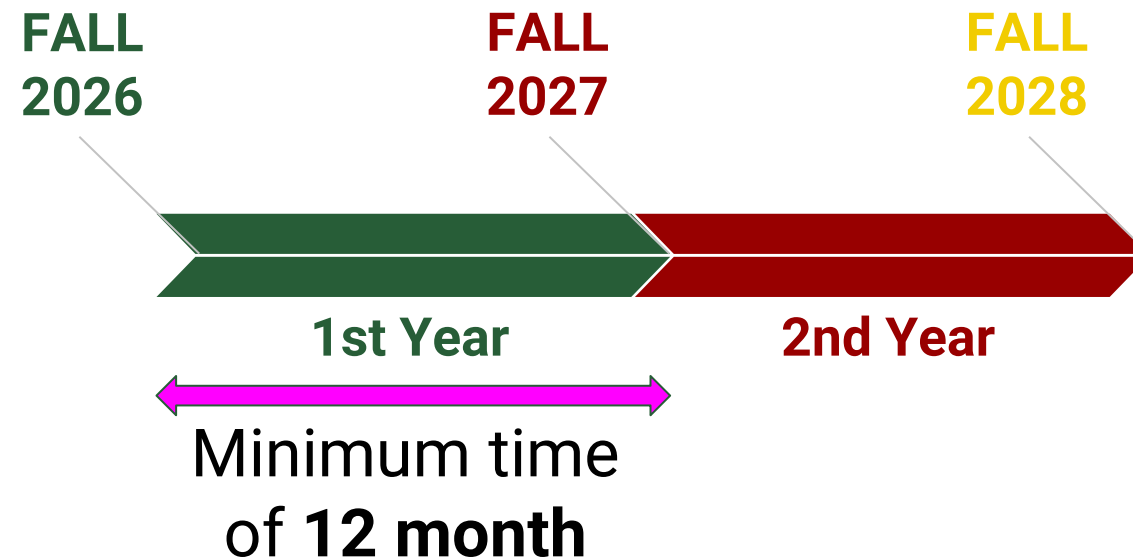
# MEng Specializations

- Construction Eng
- Environmental Eng
- Geoenvironmental Eng
- Geotechnical Eng
- Water Resources Eng
- Mining Eng
- Petroleum Eng
- Structural Eng
- Transportation Eng

# Expected Program Completion Time

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Maximum time of **four years** from the date of first registration



# Program Requirement

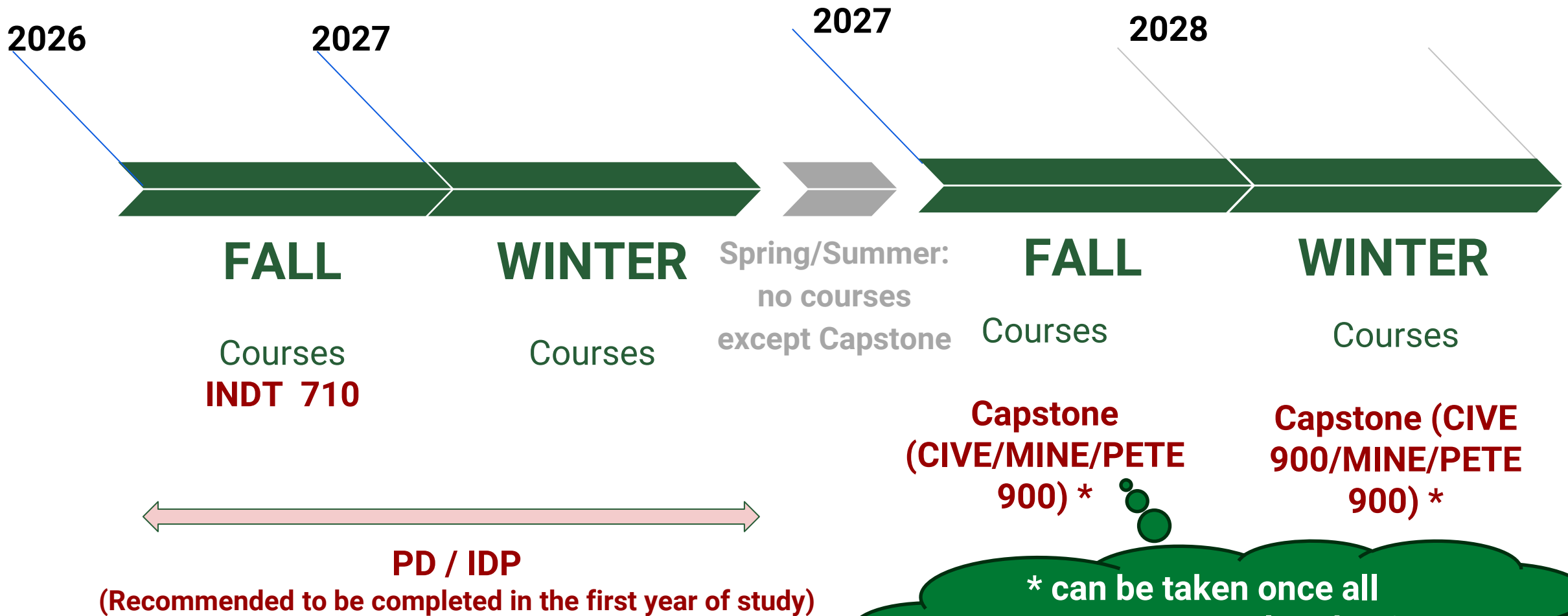
- You are responsible for ensuring that **all** program **requirements** are met on the **required timeline**.

|    |                                 |                                                                                                                                                                        |
|----|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | Courses                         | <ul style="list-style-type: none"><li>Core courses</li><li>Discipline-related electives</li><li>General electives</li><li>Capstone design CIVE/MINE/PETE 900</li></ul> |
| 02 | First Meeting with MEng Advisor | <ul style="list-style-type: none"><li>Do it online at the <b>end of this session</b> (absolutely no later than September 4 Friday)</li></ul>                           |
| 03 | Ethics & Academic Citizenship   | <ul style="list-style-type: none"><li>IND T 710 (take it online by the <b>end of first semester</b>)</li></ul>                                                         |
| 04 | IDP/PD                          | <ul style="list-style-type: none"><li>PD (8 hours). If you take Engg 700, it covers 4 hours</li><li>IDP: complete by the end of this year</li></ul>                    |
| 05 | APEGA Workshop                  | <ul style="list-style-type: none"><li>Attend minimum 8 sessions over program duration, unless exception is approved</li></ul>                                          |

Prioritize to  
complete core  
courses

Do it now, no  
later than 9/4

# Course Selection and Approval Procedure



\* can be taken once all  
courses are completed or in  
the last term of completing

Offered Courses:

<https://civileng-uofa.ca/grad-program/graduate-courses-offered-2026-2027/>



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| Specialization  | Core Course                                                               |                                     | Discipline-Related Elective |                                     | General Elective |                          |
|-----------------|---------------------------------------------------------------------------|-------------------------------------|-----------------------------|-------------------------------------|------------------|--------------------------|
| Construction    | 3                                                                         | Course numbers in Graduate Handbook | 3                           | Course numbers in Graduate Handbook | 2                | <u>Approval required</u> |
| Structural      | 3 cores from List 1 & 2<br>3 discipline-related electives from List 1 & 2 |                                     |                             |                                     | 2                | <u>Approval required</u> |
| Environmental   | 4                                                                         | Handbook                            | 1                           | Handbook                            | 3                | <u>Approval required</u> |
| Geotechnical    | 3                                                                         | Handbook                            | 3                           | Handbook                            | 2                | <u>Approval required</u> |
| Transportation  | 3                                                                         | Handbook                            | 3                           | Handbook                            | 1+1              | <u>Approval required</u> |
| Water Resources | 5                                                                         | Handbook                            | /                           |                                     | 3                | <u>Approval required</u> |
| Mining          | 3                                                                         | Handbook                            | 2                           | Handbook                            | 2+1              | <u>Approval required</u> |
| Petroleum       | 4                                                                         | Handbook                            | 1                           | Any PET E                           | 3                | <u>Approval required</u> |

To be registered in Capstone (CIVE/MINE/PETE 900 course), contact graduate advisors [cgradvis@ualberta.ca](mailto:cgradvis@ualberta.ca)

# Course Selection and Approval Procedure

|                |                                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Step 1:</b> | Go to the <a href="#">department website</a> and check what courses will be offered for your program.                          |
| <b>Step 2:</b> | Check the <a href="#">welcome packages (brochures) of your program and graduate handbook</a> to see what the requirements are. |
| <b>Hint:</b>   | Always prioritize to complete core courses as soon as possible                                                                 |

# Course Selection and Approval Procedure

|                |                                                                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Step 3:</b> | If you are interested in a course which has not listed in the handbook under your program, you <b>MUST</b> get <b>MEng Academic Advisor Approval</b> for it. |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

Complete [elective course approval request form](#) for each course.

|           |                                                   |
|-----------|---------------------------------------------------|
| <b>Or</b> | Follow the suggested course sequence → next slide |
|-----------|---------------------------------------------------|

# Suggested course sequence in Welcome Package

|                |                                                                                                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FALL<br>2026   | CIV E 602 Contract Admin <sup>1</sup><br>CIV E 630 Construction Safety and Human Factors <sup>1</sup><br>Engg 700 Technical Communication <sup>3</sup>                                              |
| WINTER<br>2027 | CIV E 601 Project Management <sup>1</sup><br>CIV E 608 Construction Engineering <sup>1</sup><br>CIV E 605 OR CIV E 606 <sup>2</sup>                                                                 |
| FALL<br>2027   | One elective course from Construction Engineering and Management group <sup>2</sup><br>Two 500-, 600, or 700-level Engineering or Science course, as approved by MEng Academic Advisor <sup>3</sup> |
| WINTER<br>2028 | CIV E 900 Capstone project (Directed Research - Construction section)                                                                                                                               |

For **Construction Engineering and Management** group

For **other groups**:

<https://www.ualberta.ca/en/engineering/civil-environmental-engineering/resources/graduate-student-resources.html>

1. Core courses; 2. Discipline-related elective; 3. General elective.

**NOTE:** CIV E 609 is not considered a discipline-related elective for Construction group.

# PD/IDP

# Professional Development Requirement

1. Individual Development Plan (IDP)
2. Professional Development (PD)- 8 hours (If you take Engg 700, you can get 4 hours PD)

Who signs off your IDP?

- Your Capstone project supervisor
- CIVE 900 instructors (only for Construction and Structural groups)
- ENGG 700 instructor
- MEng Academic Advisor

**Workshops provided by**

**The Association of Professional  
Engineers and Geoscientists of Alberta  
(APEGA) & UofA Career Centre**



# APEGA Professional Development Series is a **must**

- A minimum attendance of 8 sessions (over the duration) is **mandatory** for MEng students
- In 2026-2027 we are offering 20 sessions in total: 6 are offered online + in-person, 1 exclusively online, and 6 exclusively in-person.
- Professional Development (PD) CREDIT: Students who attend a session AND complete the corresponding assessment/activity/poll for the session will receive 1 PD credit (per session).
- Some students may be exempted. Submit [Exemption Request form](#) (click me)

## Fall 2026

| Date    | Weekday | Time                     | Session                                                             |
|---------|---------|--------------------------|---------------------------------------------------------------------|
| Sept 14 | Mon     | 12 - 12:50               | Everything You Need to Know About APEGA's Work Readiness Program    |
| Sept 14 | Mon     | 6 pm - 6:50 pm (Virtual) | Everything You Need to Know About APEGA's Work Readiness Program    |
| Sept 28 | Mon     | 12 - 12:50               | What I Wish I Had Known When I Graduated with an Engineering Degree |
| Oct 5   | Mon     | 12 - 12:50               | Resume workshop                                                     |
| Oct 7   | Wed     | 6 - 7:30 PM (Virtual)    | What I Wish I Had Known When I Graduated with an Engineering Degree |
| Oct 14  | Wed     | 5:00 PM - 7:00 PM        | Rapid Resume Review                                                 |
| Oct 19  | Mon     | 12 - 12:50               | How to Have a Great Interview                                       |
| Oct 21  | Wed     | 6 - 7:30 PM (Virtual)    | How to Have a Great interview                                       |
| Oct 27  | Tues    | 5:00 PM - 7:00 PM        | Mock Interviews                                                     |
| Nov 16  | Mon     | 12 - 12:50               | Intercultural Competency with an Ethnographic Lens                  |



## Winter 2027

|        |      |                    |                                                         |
|--------|------|--------------------|---------------------------------------------------------|
| Jan 11 | Mon  | 12 - 12:50         | Personal Branding                                       |
| Jan 13 | Wed  | 6 - 7:30 (virtual) | Personal Branding                                       |
| Jan 19 | Tues | 6 - 7:30 (virtual) | Leveraging LinkedIn                                     |
| Jan 25 | Mon  | 12 - 12:50         | Mixer prep/networking skills                            |
| Feb 2  | Tues | 5:00 - 8: 00 PM    | MIXER EVENT                                             |
| Feb 22 | Mon  | 12 - 12:50         | APEGA Requirements for Registration                     |
| Feb 24 | Wed  | 6 - 7:30 (virtual) | APEGA Requirements for Registration                     |
| Mar 1  | Mon  | 12 - 12:50         | Breaking Down Job Postings                              |
| Mar 3  | Wed  | 6 - 7:30 (virtual) | Breaking Down Job Postings                              |
| Mar 8  | Mon  | 12 - 12:50         | Workplace Professionalism/ flourishing in the workplace |



# How to enroll?

Auto-enrolled by Belinda and Lijun, or

Self-enroll to Canvas:  
[Self-enrolment link \(click me\)](#)

The screenshot displays the Canvas LMS interface. On the left is a dark green sidebar with icons and labels for Account, Dashboard, Courses, Calendar, Inbox, History, and Support. The main content area has a top navigation bar with 'Home' and 'Announcements'. Below this is a list of course items: Modules, Quizzes, People, Grades, Library Guides, Google Gemini, LearnWise (AI Pilot), Item Banks, Collaborations, Syllabus, Rubrics, and Assignments. To the right, the course title 'APEGA Professional Development Series' is shown with a green 'S' icon and buttons for 'Assign To', 'Edit', and a menu icon. Below the title is the University of Alberta logo and a green banner with the course name. At the bottom is a large image of a modern building interior with large windows overlooking a city.



# First Meeting of MEng Student and MEng Academic Advisor Form

# First Meeting of MEng Student and MEng Academic Advisor

Please complete the form and keep a copy of the form you receive after submission.

**This form should be completed and submitted immediately; no later than 5 pm Friday September 4**

Scan it now;  
submit no later  
than 9/4



<https://docs.google.com/forms/d/e/1FAIpQLScXKa4f63iOpgxMlvPfFLIXFT3HbD7LtyNCAiYjU6LxltZmWw/viewform?usp=sharing>



# Engg 700

## Technical & Professional Communications

This course provides practical strategies and best practices for effective interpersonal, professional, and workplace communication, focusing on navigating complex conversations, engaging diverse audiences, and fostering collaboration, leadership, and technical excellence. Students will also strengthen their professional writing skills to produce clear, purposeful emails, reports, and workplace documents. In addition, the course includes career-focused components such as developing a strong resume and learning how to tailor resumes and cover letters to align with specific career goals

Engg 700 counts **4 Professional Development credits**

**Fall 2026: 12:30 – 13:50, Tuesdays and Thursdays**  
**Winter 2027**

# MEng Students Commons

# MEng students Commons

A dedicated lounge just for MEng students

**Where:** ICE 5-244

**Time:** 8:00 AM- 10:00 PM daily

**Access:** OneCard



# **MEng Capstone project (CIVE / MINE / PETE 900)**

# MEng capstone design project

When,

- You have completed all course requirements, or
- You are in the last school term taking courses,

You need to take Capstone Design Project (CIVE/MINE/PETE 900 course)

Contact Graduate Advisors, [cgradvis@ualberta.ca](mailto:cgradvis@ualberta.ca), to be registered

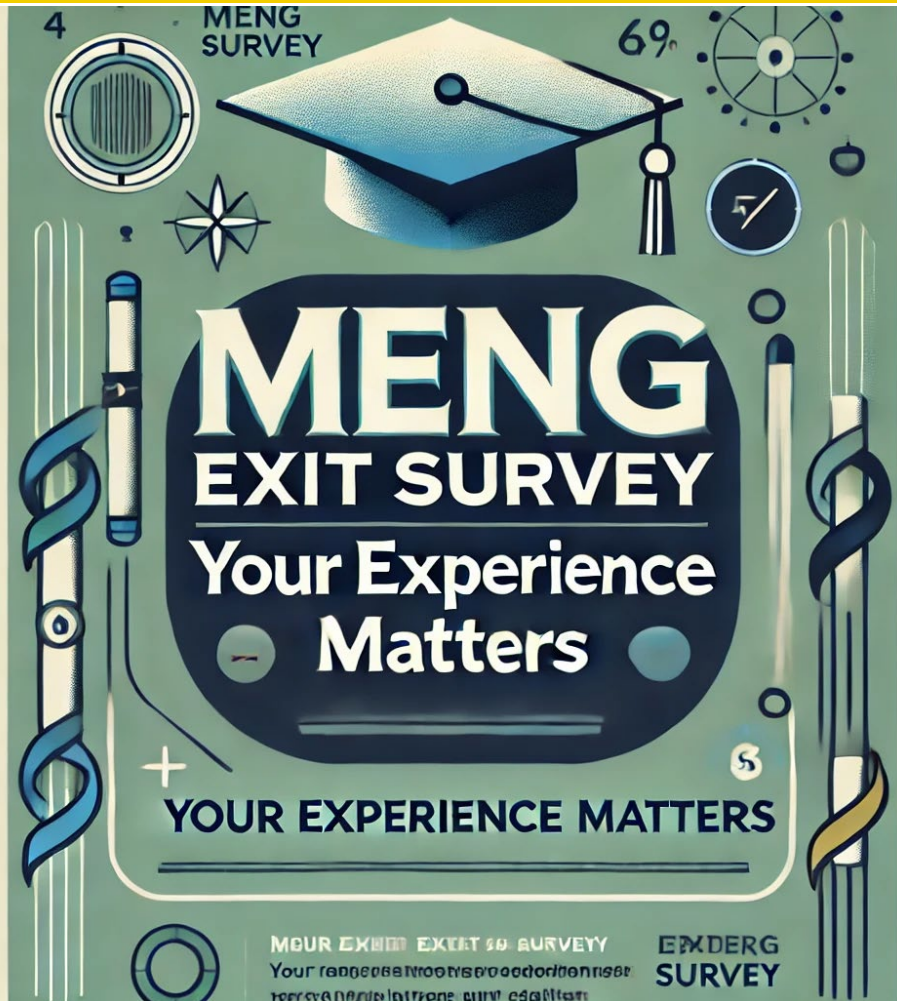
Useful link:

[Graduate Studies Resources | Civil and Environmental Engineering + School of Mining and Petroleum Engineering](#) (click me)



# MEng Students Exit Survey

# Your Experience Matters



## Anonymous Survey at the end of your studies

By sharing your experiences and insights, you help us identify strengths and areas for improvement, ensuring that future students receive the best possible education and support.

# Useful Links

## **Department's website (MEng)**

<https://civileng-uofa.ca/grad-program/master-of-engineering-meng/>

## **GPS Graduate Program Manual**

<https://www.ualberta.ca/en/graduate-studies/resources/policies-procedures/graduate-program-manual/index.html>

## **Department Graduate Studies Handbook**

<https://www.ualberta.ca/en/engineering/civil-environmental-engineering/graduate-programs/graduate-studies-handbook.html>

## **Academic Integrity**

<https://www.ualberta.ca/en/campus-life/academic-success/academic-integrity/index.html>

## **Student Conduct and Accountability**

<https://www.ualberta.ca/en/dean-of-students/policies/student-conduct-and-accountability/index.html>

## **Graduate Student Association**

<https://www.ualberta.ca/en/graduate-students-association/index.html>

## **University Health Centre**

<https://www.ualberta.ca/en/services/health-centre/index.html>

## **Mental Health Support for Students**

<https://www.ualberta.ca/en/campus-life/health-wellness/mental-health/index.html>



# Department Website

<https://civileng-uofa.ca/>

