

2024 College of Engineering Dean's Teaching Fellowship Structure, Eligibility, & Application Process

Deadline to apply: Applications are due by **Wednesday, November 1, 2023**. Applicants must include an endorsement form from their School/Division (details below) and should allow time to secure this.

Structure of the CoE Teaching Fellowship:

The CoE Teaching Fellowship is a two-semester program, which is awarded to senior PhD students. Each recipient will receive:

- Half-time TA for one semester (typically Fall 2024)
- Scholarship of \$5,000 split across two semesters (Spring, Summer, and/or Fall 2024)
- \$750 for personal purchase of technology/equipment for the classroom

During the first semester (Spring or Summer), the recipient will serve as an apprentice to a faculty mentor who is an experienced instructor and is teaching a listed undergraduate course. As an apprentice, the teaching fellow is expected to:

- Attend lectures on the course being taught by the Mentor
- Observe the instructor's assessment strategies and preparation (homework, projects, exams)
- Become familiar with grading in a large course, as applicable
- Substitute for the instructor for 3-4 lectures during the semester and receive teaching feedback from the Mentor

If an exceptional student has already completed the experiences of the apprenticeship semester while serving as a TA for a course, then in rare cases, this could be substituted for the apprentice semester (at the discretion of the School and College). Please have schools indicate this on their endorsement form.

During the second semester (Summer or Fall), the recipient will teach one lecture section of the same course alone. When serving as an instructor for a section of the core courses in the second semester, the recipient will also be appointed at the level of a 50% Teaching Assistant.

During this semester as an instructor, the teaching fellow is also expected to:

- Register for ENE 687 – Mentored Teaching in Engineering (1 Credit). If this course conflicts with the instructorship position then another workshop/course can be substituted at the discretion of the School and College.
- Attend one College of Engineering's Career Exploration Workshop on becoming a competitive candidate for either a) R1 Institutions or b) Teaching Universities.

The mentor can be the recipient's advisor. However, a mentor other than one's advisor is highly encouraged in order to maximize the recipient's exposure to different perspectives and teaching practices in academia.

The Dean's Teaching Fellows are also expected to apply for the annual Midwestern Association of Graduate Schools (MAGS) Excellence in Teaching Awards Competition, which usually requires a video demonstration of their teaching abilities in addition to the application materials for the award.

Eligibility for the CoE Teaching Fellowship:

To be considered for the CoE Teaching Fellowship, the applicant:

1. Must be a College of Engineering PhD student from a participating school (see below for more info) who has passed their qualifying exam or equivalent for their program. Some schools may also require applicants to have passed their preliminary exam. Any additional requirements are listed in the School Contact Chart below.
2. International students must be certified to TA either through OEPT, ENGL 620, or TOEFL.
3. Must have a graduate GPA of 3.3 or higher at the time of application submission.
4. Must be perceived by the student's advisory committee chair as having high potential to be successful in academia.
5. Must possess good communication skills.
6. Cannot be awarded in the same year to a graduate student who has received a Teaching Fellowship through their own school.

Application Process for the CoE Teaching Fellowship:

To apply for the CoE Teaching Fellowship, **students must submit the following documents as a single PDF file through the Qualtrics Link below no later than Wednesday, November 1, 2023.**

Your application should include the following:

1. Letter of interest, including a statement of career plans.
2. Academic CV.
3. A ranked list of at least 3 courses in the student's school that the student is interested in teaching. Please consider listing both large and small enrollment courses. Include in the application package and on the application survey.
4. A nomination letter written by the student's major professor.
5. The student should share their complete Dean's Teaching Fellow application package with their School. Each participating school has a contact who should complete the attached endorsement form (find School Contacts and Endorsement Form below). The endorsement form must be submitted along with your application. If a signature is not possible, an email from the contact stating his/her desire to sign the form is acceptable.

Students must submit all of the above before the application deadline to be considered. Please submit your completed application here: https://purdue.ca1.qualtrics.com/jfe/form/SV_cCuy9sXBciXliuW

Any additional questions about the Dean's Teaching Fellowship can be sent to mcbrid44@purdue.edu.

Dean's Teaching Fellow Endorsement – *To be completed by your school contact and submitted with your application.*

Student: _____

Student Email: _____

School/Department: _____

As the representative for this school/department, I have reviewed this student's application, including the potential courses the student may teach. We support this student's application for the Dean's Teaching Fellowship.

Typed name: _____

Title: _____

Signature: _____

Date: _____

Any Additional Comments from School Contact (optional):

<u>Engineering School/Program</u>	<u>Who to contact to endorse your application?</u>
Aeronautics and Astronautics	Prof. Karen Marais (kmarais@purdue.edu) and Jon Mrozinski (jwmrozin@purdue.edu) <i>Students should have passed their Preliminary Exam before their Instructor of Record Semester</i>
Agricultural and Biological Engineering	Nikki Zimmerman (nzimmerm@purdue.edu)
Biomedical Engineering	Dr. Vitaliy Rayz (vrayz@purdue.edu) <i>Students should have passed their Preliminary Exam before their Instructor of Record Semester</i>
Chemical Engineering	Prof. John Morgan (jamorgan@purdue.edu) <i>Students should have passed their Preliminary Exam before their Instructor of Record Semester</i>
Civil Engineering	Please apply to the CE Lyles Teaching Fellows Program
Electrical and Computer Engineering	Prof. Mithuna Thottethodi (mithuna@purdue.edu) <i>Senior graduate students who have passed their Preliminary Exams are encouraged to apply</i>
Engineering Education	Dr. Robin Adams (rsadams@purdue.edu) or Dr. Isabel Jimenez-Useche (ijimenez@purdue.edu) <i>Students should have passed their Preliminary Exam before their Instructor of Record Semester</i>
Environmental and Ecological Engineering	Not participating
EPICS	Not participating
Industrial Engineering	Dr. Patrick Brunese (pbrunese@purdue.edu)
Materials Engineering	Prof. Nik Chawla (nikc@purdue.edu) and Karen Morgan (ymorgan@purdue.edu) <i>Students should have passed their Preliminary Exam before their Instructor of Record Semester</i>
Mechanical Engineering	Prof. Nicole Key (nkey@purdue.edu) and Sheri Tague (sltague@purdue.edu) <i>Students should have passed their Preliminary Exam or scheduled it to be held before applying</i>
Nuclear Engineering	Not participating
Vertically-Integrated Projects (VIP)	Nichole Ramirez (nramire@purdue.edu)

If your school is not participating, but you would like similar opportunities in the future, then please reach out to mcbrid44@purdue.edu and your school graduate contact to express your interest.