Fall 2020
MAGE
Grader
Available Positions

General Grader Eligibility Requirements

- Must be a current M.Eng., M.S., or Ph.D. UMD student
- Must be in good academic standing (i.e. have a cumulative GPA of 3.0 or higher)
- Must NOT be enrolled in the Fall 2020 course you are applying to support in that semester
- Must be able to work up to 20 hours per week (i.e. can not hold another UMD position unless the total hours equate to less than 20)
- Due to the current pandemic situation and its affects on the hiring process, you MUST be 1) located in the United States and 2) already hold a permanent Social Security Card and be authorized and eligible to work in the United States.

If you do not meet all of the requirements above, please do not apply for a Grader position.

Please be aware that Teaching Assistant positions may also be available.

General Grader Position Information
This position is for the Fall 2020 semester only.

This position is compensated at $18 per hour and is an hourly position only. This position does not have any tuition remission or benefits.

Graders will provide up to 20 hours of service per week and support the instruction of a course through such duties as grading and managing Canvas.
Fall 2020 MAGE Grader Positions Available
Grader positions will be added as they become available and deleted as they become filled. Applications are considered on a rolling basis.

Please note that ALL positions are tentative until fully appointed. For some positions, we are moving forward proactively with the application process, but this does not guarantee that a position will be ultimately available.

- **ENPM660 - Wind Energy Engineering** Just added!!
  - **Requirements:**
    - Take deadlines very seriously
    - Successfully taken lower-level graduate engineering mathematics courses, undergraduate fluid dynamics, electrical circuits and machines.
  - **Application:** [https://forms.gle/2afPA9rPfRP1aL5q6](https://forms.gle/2afPA9rPfRP1aL5q6)
  - **Posted:** 8/26/2020. Applications will be reviewed on a rolling basis

- **ENPM651 - Heat Transfer for Modern Application** Just added!!
  - **Preferred:**
    - MS student
  - **Requirements:**
    - Must have taken graduate level heat transfer courses (like ENME631 and/or ENME633 and/or ENPM651)
    - Successfully taken lower-level graduate engineering mathematics courses, undergraduate fluid dynamics, electrical circuits and machines.
  - **Application:** [https://forms.gle/CDS6sZW8v9A61o3Z6](https://forms.gle/CDS6sZW8v9A61o3Z6)
  - **Posted:** 8/26/2020. Applications will be reviewed on a rolling basis

- **ENPM809Y Introductory Robot Programming**
  - **Preferences:**
    - Have taken ENPM809Y previously
  - **Requirements:**
    - Very strong Modern C++ fundamentals
  - **Application:** [https://forms.gle/ppb21qJe21Jpy99v8](https://forms.gle/ppb21qJe21Jpy99v8)
  - **Posted:** 8/13/2020. Applications will be reviewed on a rolling basis, Hiring in process, additional candidates will be considered if the hiring process is not successful for any reason.

- **ENPM808O AI-based Software Systems**
  - **Preferences:**
    - Ph.D desirable, but any second year graduate degree level
- **Requirements:**
  - Good knowledge of AI, Machine Learning, Software development and software engineering

- **Application:** [https://forms.gle/Hvq5MmYrHUcRDcb9](https://forms.gle/Hvq5MmYrHUcRDcb9)
- **Posted:** 8/5/2020. Applications will be reviewed on a rolling basis, *but initial review has begun.* Position Pending Enrollment Levels.

**ENPM667  Control of Robotics Systems**
- **Preferences:**
  - M.Eng in Robotics
- **Requirements:**
  - Candidate should have passed ENPM667 with A grade

- **Application:** [https://forms.gle/oHRFp2niV3Gd7jKT7](https://forms.gle/oHRFp2niV3Gd7jKT7)
- **Posted:** 7/20/2020. Applications will be reviewed on a rolling basis, *but initial review has begun.*

**ENPM662  Introduction to Robot Modeling**
- **Requirements:**
  - Familiar with ROS, Gazebo, Rviz, Matlab or Python
  - Candidate should have passed ENPM662 with A grade

- **Application:** [https://forms.gle/F6bfb5FcrjxmAs6M6](https://forms.gle/F6bfb5FcrjxmAs6M6)
- **Posted:** 7/20/2020. Applications will be reviewed on a rolling basis. *Hiring in process, additional candidates will be considered if the hiring process is not successful for any reason.*

**ENPM611  Software Engineering**
- **Preferences:**
  - Have taken ENPM611 previously
- **Requirements:**
  - Familiarity with Angular programming
  - Familiarity with software testing
  - Familiarity with software engineering processes

- **Application:** [https://forms.gle/nv7menaz6xcmfMbA8](https://forms.gle/nv7menaz6xcmfMbA8)
- **Posted:** 7/23/2020. Applications will be reviewed on a rolling basis. *Hiring in process, additional candidates will be considered if the hiring process is not successful for any reason.*

**ENPM808X  Software Development for Robotics**
- **Preferences:**
  - Knowledge of how to use Linux (Debian/Ubuntu) based systems
- **Requirements:**
- Knowledge of Python and C/C++
  - Application: [https://forms.gle/8Abrdabg4WGP9Tvi6](https://forms.gle/8Abrdabg4WGP9Tvi6)
  - Posted: 7/23/2020. Applications will be reviewed on a rolling basis. *Hiring in process, additional candidates will be considered if the hiring process is not successful for any reason.*

- **ENPM640 Rehabilitation Robotics**
  - Preferences:
    - M.Eng. student in Robotics
  - Requirements:
    - Solid background in linear control systems such as passing ENPM667 (or equivalent) with “A” grade or better.
    - Should have passed ENPM640 with “A” grade or better.
  - Application: [https://forms.gle/uDd6NZPgNcvfAjGj7](https://forms.gle/uDd6NZPgNcvfAjGj7)
  - Posted: 7/24/2020. Applications will be reviewed on a rolling basis. *Hiring in process, additional candidates will be considered if the hiring process is not successful for any reason.*

- **ENPM808W Data Science** - Position Filled

- **ENPM809B Building a Manufacturing Robot Software System** - Position Filled