1901 OAEE Teaching Assistantship (TA) Available Positions

General TA Eligibility Requirements

- Must be a current M.Eng., M.S., or Ph.D. UMD student
- Must NOT be enrolled in the 1901 course you are applying to support in that semester
- Must be able to work 20 hours per week (i.e. cannot hold another UMD position)
- Must be in good academic standing (i.e. have a cumulative GPA of 3.0 or higher)
- Must be authorized and eligible to work in the United States through June 8, 2019
- Must have successfully met the UMD English-Speaking Requirement in one of the following ways:
  - must have completed entire education in the U.S., United Kingdom, Ireland, English-speaking Canada, Australia, New Zealand, Anglophone Africa, or the Commonwealth Caribbean
  - must have achieved a score of 26 or higher on the speaking sub-section of the TOEFL
  - must have achieved a score of 8.0 or higher on the speaking sub-section of the IELTS
  - must have passed the UMD ITA Evaluation in a previous semester

If you do not meet all of the requirements above, please do not apply for a TA position. Please be aware that hourly Grader positions may also be available.

General TA Position Information

This position is for the Spring 2019 semester only. The position supports up to 10 credits of tuition remission at the in-state tuition level. Please note that fees and differential tuition are not covered by the remission and will remain the responsibility of the student.

TAs will provide 20 hours of service per week and support the instruction of a course through such duties as updating course materials, grading, holding office hours, managing Canvas, lecturing or other duties as assigned by the instructor at the point of hire.

Please see further information on remission and TA salaries here: https://academiccatalog.umd.edu/graduate/policies/policies-graduate-assistantships/.
1901 OAEE TA Positions Available

TA positions will be added as they become available and deleted as they become filled.

Please note that most Cyber and Robotics TA positions will be posted between now and November. Other TA positions will likely become available from late November through mid-January.

- **Cybersecurity ENPM Courses**
  - **697 Secure Software Testing and Construction**
    - *Posted 11/2/18*
    - Preferred Deadline: 11/21/18
    - Course-specific Requirements/Preferences:
      - Taken ENPM697 and received an A
      - Fundamentals of security testing.
      - Understanding of web concepts.
      - Basic experience with software design concepts.
    - Application: [https://goo.gl/forms/2yZtSnFxfx8j7rmk2](https://goo.gl/forms/2yZtSnFxfx8j7rmk2)

- **Robotics ENPM Courses**
  - **661 Planning for Autonomous Robots**
    - *Posted 10/29/18*
    - Preferred Deadline: 11/21/18
    - Course-specific Requirements/Preferences:
      - Taken ENPM661 and ENPM662 and received an A in each
      - Software skills: C++, C#, Matlab, Payton, ROS, and V-REP
      - Hardware skills: Turtlebot, and Baxter
    - Application: [https://goo.gl/forms/mgQDG1hxTv0yMQpC3](https://goo.gl/forms/mgQDG1hxTv0yMQpC3)

  - **673 Perception for Autonomous Robots**
    - *Posted 10/29/18*
    - Preferred Deadline: 11/21/18
    - Course-specific Requirements/Preferences:
      - Taken ENPM673 previously with an A grade
      - Thorough knowledge of image processing and computer vision concepts
      - Knowledge in topics including Image operations, histogramming and histogram equalization, tracking and kalman filtering, fuzzy logic, mobile robot and autonomous vehicles
- Application: https://goo.gl/forms/M7St85mgtrbMNqic2

  - **808F Robot Learning**
    - *Posted 11/2/18*
    - Preferred Deadline: 11/21/18
    - Course-specific Requirements/Preferences:
      - Taken ENPM808F previously with an A grade
      - Proficiency in one or more of the following programming languages: C/C++, Java, Python
      - Previous experience in Robot Modeling, Simulation, and Control
      - Previous Experience with programming Machine Learning experiments
    - Application: https://goo.gl/forms/2bxDmQbPGQvfoOYJ3

  - **808P Manufacturing and Automation**
    - *Posted 11/2/18*
    - Preferred Deadline: 11/21/18
    - Course-specific Requirements/Preferences:
      - Background in Robotics and/or Mechanical Engineering
    - Application: https://goo.gl/forms/X6CKKs2J3dTjgGyo2

  - **809Y Introductory Robot Programming**
    - *Posted 10/29/18*
    - Preferred Deadline: 11/21/18
    - Course-specific Requirements/Preferences:
      - A successful application needs to be very skillful in the C++ language and should also be familiar with Linux.
    - Application: https://goo.gl/forms/oWSuN1I5B52NL3TI2