

## Work Study Job Description

<b>Job Title</b>	Undergraduate Lab Assistant in Autonomous Flight
<b>Department Name</b>	Aeronautics & Astronautics
<b>Job Location</b>	AERB 101
<b>Pay Rate</b>	\$12 - \$15
<b>Employment Period</b>	Academic Year
<b>Hours Per Week</b>	19 hrs/wk
<b>Contact Supervisor</b>	Kristi Morgansen
<b>Phone Number</b>	206-616-5950
<b>Email Address</b>	morgansen@aa.washington.edu
<b>Website</b>	<a href="http://www.aa.washington.edu/research/ndcl/index.html">http://www.aa.washington.edu/research/ndcl/index.html</a>
<b>Box Number</b>	352400

### Nature of Organization

The Nonlinear Dynamics and Control Lab is an active research lab in the Department of Aeronautics & Astronautics. The work in the lab focuses on development of novel sensing and actuation methods for autonomous vehicles.

### Duties and Responsibilities

The duties of this position will include hardware and electronics integration, programming of an autonomous rotorcraft air vehicle, performance of experiments with an autonomous vehicle, data management and analysis.

### Minimum Qualifications

Student in engineering or related discipline, experience with Matlab, experience with mechanical hardware. Experience with operation of manned or unmanned rotorcraft desirable.

### Educational Benefits

Students in this position will participate in and contribute to active funded research on autonomous vehicles. A student in this position will learn programming for autonomous vehicle operation and relevant elements of nonlinear control theory and estimation.

### How to Apply

Send a resume via email to Prof. Kristi Morgansen.

Job Number: AEAS03 | Job Class: 0875 | Category: Technology | 51% Comp. To Classified: n | Program: State