

Assistant or Associate Teaching Professor - Aeronautics &
Astronautics
University of Washington

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Posted Nov. 6, 2024, set to expire Mar. 10, 2025

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| Job Title | Assistant or Associate Teaching Professor - Aeronautics & Astronautics |
| Department | William E. Boeing Department of Aeronautics & Astronautics https://www.aa.washington.edu/ |
| Institution | University of Washington Seattle, Washington |
| Date Posted | Nov. 6, 2024 |
| Application Deadline | Open until filled |
| Position Start Date | Sep. 1, 2025 |
| Job Categories | Assistant Professor Associate Professor |
| Academic Field(s) | Mechanical Engineering Aerospace/Aeronautical/Astronautics |
| Job Website | http://apply.interfolio.com/158252 |
| Apply Online Here | http://apply.interfolio.com/158252 |
| Apply By Email | |
| Job Description | |

The University of Washington's William E. Boeing Department of Aeronautics & Astronautics (A&A) invites applications for a full-time Assistant or Associate Teaching Professor position. Assistant/Associate Teaching Professors are non-tenured faculty members who are hired on multi-year appointments with a 9-month service period (September 16 through June 15) that may allow for additional opportunities to teach during the summer. The anticipated start date is September 1, 2025

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with an initial appointment period of 3 years.

The new Assistant/Associate Teaching Professor will join the Faculty primarily to support project-based and laboratory learning at the Junior, Senior, and graduate student levels. These classes utilize rigorous test procedures and test plans to teach A&A standards and follow the established A&A Systems Engineering process. The successful candidate will guide students through the A&A laboratory experience, including instruction of laboratory techniques, statistical analysis of empirical data, written and oral communications skills, and review of introductory level materials on thermo dynamics, structures, aeronautics, and controls. This position will have strong collaboration amongst the range of aerospace subject areas with experimental, multidisciplinary, and interdisciplinary learning.

UW faculty engage in teaching, research, and service. Teaching Professors at UW are primarily evaluated with regard to their teaching and service. In this context the successful candidate will be expected to pursue pedagogy research at the department, including participation in professional societies and publication in relevant journals, and sharing new techniques with the rest of the faculty. From the research perspective, the successful candidate will be encouraged to participate in the wide-range of activities within our concentration areas of: controls and autonomous systems, fluids, plasma science and space systems, and materials and structures. Research collaboration is encouraged within the department, the College of Engineering, and across the 3 UW Campuses. (For more information on our research and labs, please visit <https://www.aa.washington.edu/research/areas>.) We also routinely engage in research projects with affiliates from the region's noted high-tech industry. Educational and manufacturing activities at UW A&A, including the Junior laboratory sequence, are supported by a full-time instructional lab manager, as well as departmental IT and facilities support.

In summary, a successful candidate will:

- Teach laboratory and project-based classes
- Teach A&A design processes and methodology
- Update and create curriculum materials for these classes
- Help advance pedagogy practices at the A&A department
- Work in a multi-disciplinary environment
- Mentor student teams
- Maintain communications with other faculty and department leadership
- Support the department during the ABET review process
- Support the department's commitment to diversity and inclusion

The base salary range for this position will be \$14,000.00 to \$20,000 per month (with a nine-month service period), commensurate with experience and qualifications, or as mandated by a U.S.

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Department of Labor prevailing wage determination. Other compensation associated with this position may include a one-time relocation incentive.

A&A is committed to being a model of diversity in the UW College of Engineering. We are actively engaged in broadening our offerings to better serve all demographics of learners and the spectrum of societal and industry needs.

Qualifications

- PhD or foreign equivalent in Aerospace or Mechanical Engineering or a related field.
- Minimum 2 years experience (inclusive of graduate school) in a leadership position within a multidisciplinary A&A project. In lieu of this experience, curriculum development for at least one laboratory and/or project-based course is also acceptable.

Application Instructions

UW is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

To apply, visit: <http://apply.interfolio.com/158252>

Please provide pdf files for the following requested materials:

1. Cover letter indicating interest and fit with the position.
2. A current curriculum vitae.
3. Complete contact information for three references.
4. A statement of teaching interests and/or philosophy (2 pages max).
5. A statement of diversity/equity/inclusion (2 pages max) reflecting how your approach to teaching and/or service contributes to positive social change and supports people who represent differences in gender, class, race, ethnicity, religious affiliation, national and cultural boundaries, national origin, worldview, intellectual origin, ability, and other identities. We invite you to reflect and describe your related experiences in teaching and service and also where you stand to grow with regard to issues of diversity, inclusion, equity, and justice, and your potential to mentor and educate students.
6. A teaching portfolio that illustrates teaching capability to include, but not limited to, sample syllabi, sample assignments, example laboratory projects, sample grading rubrics.
7. A set of teaching or course evaluations that provide both quantitative and qualitative evidence of teaching.



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For any administrative issues or inquiries related to the search, please contact Kimberly Maczko, kmaczko@uw.edu. For help signing up for Interfolio, accessing your account, or submitting your application, please check out Interfolio's help and support section or get in touch via email at help@interfolio.com or phone at (877) 997-8807.

EEO/AA Policy

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Kim Maczko
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Astronautics
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