



Faculty Position Job Description

Position Title: Assistant or Associate Professor in Systems Engineering

Position Tracking Number: F323

School/College: College of Liberal Arts and Sciences

Department: Engineering and Computer Science

Location: Azusa Campus

Description:

The Department of Engineering & Computer Science invites applications for a position as Assistant or Associate Professor of Systems Engineering. This position involves instructing undergraduates in physics and engineering courses, along with maintaining an active research program, and participating in undergraduate mentoring and advising. Qualified candidates must have a strong commitment to undergraduate education, and the potential to develop an externally funded research program. Candidates must have a strong record of scholarly and professional achievements.

Responsibilities:

- Teach upper and lower division lecture and lab courses in physics and systems engineering, including several of the following:
 - Physics for Science and Engineering
 - Fundamentals of Mechanics
 - Fundamentals of Electrical Engineering
 - Engineering Thermodynamics
 - Discrete Systems Modeling and Simulation
 - Systems Design
 - Engineering Management and Economics
 - Decision and Risk Analysis
- Conduct research involving undergraduate students
- Advise and mentor undergraduate students
- Establish and maintain industry partnerships
- Participate in department and university affairs

Level: Assistant or Associate Professor

Qualifications:

- An earned doctorate in engineering
- Prior close working association with an ABET accredited engineering degree granting program
- Demonstrated ability to teach full range of undergraduate engineering courses as identified in section above
- Background in systems engineering, preferably in both industrial and academic settings
- A commitment to teaching excellence in an undergraduate, liberal arts program
- A mission-minded perspective and desire to develop projects that incorporate appropriate technologies to serve “the least of these” (e.g., clean water, sustainable energy)
- Knowledge of the systems engineering field with a record of scholarship and a willingness to conduct research in an undergraduate setting
- Demonstrated, vibrant Christian faith compatible with the mission of Azusa Pacific University (Faculty members are required to sign a “Statement of Faith,” available at <http://www.apu.edu/about/believe>, and to adhere to the policies outlined in the Faculty Handbook)

Workload: Full-time faculty

Mental Demands:

- Ability to integrate Christian values in all aspects.
- Ability to engage in critical thinking and exercise independent judgment.
- Ability to maintain confidentiality and manage confidential information.
- Self starter, ability to communicate effectively in written and oral form.

Hire Date: January 2016 or August 2016

Additional Information:

At Azusa Pacific University we value and uphold God-honoring diversity. Diversity was not our idea, but God's. Therefore, we aim for an environment that respects and honors each individual's uniqueness while celebrating our collective commonalities. It is in this spirit that we continue important discourse on diversity, engage a variety of perspectives, and embrace active listening in a spirit of humility. We continue our efforts to recruit, hire, and support a diverse community in an effort to create a milieu that reflects the mosaic of God's kingdom.

Azusa Pacific University does not discriminate on the basis of race, color, national origin, sex, age, disability, or status as a veteran in any of its policies, practices, or procedures. Women and minorities are encouraged to apply.

Azusa Pacific University conducts background checks on all final candidates.

Application Procedure:

To apply, visit <http://www.apu.edu/cp/employment/>. Review of applications will begin immediately, and the position will remain open until filled.