

Assistant Professor, Civil Engineering
Gonzaga University

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Posted Sep. 13, 2024, set to expire Jan. 15, 2025

Job Title	Assistant Professor, Civil Engineering
Department	Civil Engineering https://www.gonzaga.edu/school-of-engineering-applied-science/degrees-and-programs/civil-engineering
Institution	Gonzaga University Spokane, Washington
Date Posted	Sep. 13, 2024
Application Deadline	Oct. 15, 2024
Position Start Date	Aug. 16, 2025
Job Categories	Assistant Professor
Academic Field(s)	Transportation Engineering Civil Engineering
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Job Description	

Job Summary

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The Civil Engineering Department at Gonzaga University in Spokane, WA invites applications for a full-time, tenure-track Assistant Professor position beginning Fall 2025. We invite skilled teacher-scholars committed to inclusive, equity-minded teaching with a demonstrated record of scholarship to join our teaching-centered and research-active department, which is committed to undergraduate education. More specifically, we are looking for a colleague with expertise in the area of transportation engineering, with interests in sustainable transportation systems and/or informatics.

We seek candidates with a demonstrated commitment to excellent undergraduate teaching that promotes welcoming and diverse learning environments. Immediate teaching responsibilities (the first two years) would include our required transportation course (CENG 318 Transportation Engineering). If the candidate is willing and able, other courses helpful to the department may include our new Civil Engineering Programming course (currently under development), CENG 391 Civil Engineering Design and Practice, CENG 261 Geomatics with lab, CENG 404 Sustainable Systems, and/or others consistent with the candidate's interests/expertise and needs of the department. There will also be opportunities to teach and advise students in our senior design sequence and to teach upper division transportation courses (e.g., CENG 417 Traffic Engineering; CENG 418 Transportation Systems Design).

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As a Catholic University with a mission rooted in the Jesuit tradition (see: <https://www.gonzaga.edu/about/our-mission-jesuit-values>), Gonzaga seeks to educate students to become compassionate leaders who engage with the world, seek justice, and contribute to the common good. As a campus community, we prioritize inclusive excellence and increasing campus diversity, particularly in supporting underrepresented students in higher education. The Civil Engineering Department at Gonzaga University seeks candidates who align with this mission and requests applicants to address it in their cover letter. We value candidates who have worked with a diverse array of faculty, staff, and students, and who contribute to a welcoming campus climate. Evidence of working with underrepresented and minoritized students through teaching, research, mentoring, or administration is preferred.??The Department of Civil Engineering currently has eight full-time faculty, over 150 students, and offers an ABET-accredited B.S. degree in Civil Engineering, and a B.S. in Civil Engineering with a Construction Concentration. Faculty in our department often mentor undergraduate students in research experiences during the school year. Internal funding opportunities are also available to support undergraduate student-faculty research both during the academic year as well as during summer sessions. Professional development collaboration and funding opportunities also exist with Gonzaga's Institute for Climate, Water, and the Environment and the Institute for Informatics and Applied Technology. In addition, Gonzaga's Center for Teaching and Advising provides regular faculty development and education opportunities, including a New Faculty Learning Community program to help welcome and support new faculty throughout their first year at Gonzaga.

Gonzaga, ranked 93rd among national universities by *U.S. News and World Report* and among the top 6% of engineering schools where a doctorate is not offered, is located on the banks of the Spokane River; a short walk from downtown Spokane. Spokane is near the Selkirk Mountains in Eastern Washington State. The city has walkable neighborhoods, abundant parks, a downtown shopping district, and plentiful urban amenities. With mountains, lakes, and rivers in every direction, Spokane is an ideal base for outdoor recreation.

Job Duties

- **Teaching**—Tenured/tenure-track faculty members teach nine course credits. This position, in particular, will generally include the areas of transportation, geomatics, applied programming and data science for civil engineers, and/or civil engineering design and practice, each semester during the academic year.??As part of our commitment to successful early careers, new faculty receive a 3-credit teaching reduction in the fall or spring of their first two years. Summer teaching opportunities may be available but are neither required nor guaranteed.
- **Professional Development**—Tenured/Tenure-track faculty members are expected to: (1) stay current with their fields; (2) conduct scholarly/research that leads to publication in peer-reviewed academic journals and conference papers; (3) actively participate in departmental and School of

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Engineering and Applied Science professional activities.

- *Academic Citizenship & Service*—The successful candidate will be a member of the faculty of the School of Engineering and Applied Science, with full voting privileges in the university faculty assembly and the school. As such, the person who assumes this position is expected to be a contributing member to the department, school, and university. Regular meeting attendance at all university, school, and departmental meetings is expected. In addition, participation in related school and departmental committees is required.
- *Advising*—After their first year at Gonzaga, all faculty members advise students with respect to curriculum and careers.

Required Qualifications

- Ph.D. in Civil Engineering (with a specialization in transportation engineering) or a closely-related field by July 15, 2025;
- Evidence of potential for excellence in teaching, as contained in the narrative(s) included in the submittal materials;
- Evidence of early scholarly productivity in the applicant's area of study, through narrative(s) included in the submittal materials;
- Evidence working with people from diverse backgrounds;
- Professional Engineering work record, and professional engineer licensure (or ability to gain licensure soon after date of hire).

Preferred Qualifications

- Evidence of effectiveness in teaching a variety of fundamental undergraduate Engineering courses, as well as having the ability to develop new courses in the lower and upper divisions, as may be needed;
- Postdoctoral research and/or a record of relevant industry engagement;
- Interest in Engineering in a liberal arts environment, along with an interest in Engineering in a Jesuit Catholic Mission driven environment, or demonstrated willingness to learn about, and embrace, the Mission;

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- An ability to develop and teach new high-quality courses in the area of transportation engineering, with attention to sustainable transportation systems and/or informatics;
- Evidence of involving undergraduate students in research and advising undergraduate students in capstone or senior design projects, along with the ability and willingness to mentor all students, where needed;
- Evidence of a commitment to student engagement including academic and career advising;
- Evidence of a commitment to pedagogical methods that enable students across racial, ethnic, and socio-economic groups to reach their maximum potential;
- Familiarity with ABET-accreditation processes.

Application Procedure

To apply, please visit our website at: www.gonzaga.peopleadmin.com/postings/. Applicants must complete an online application and submit the following:?

1. A detailed curriculum vitae, addressing:
 - Education and work experience
 - Courses taught as instructor or TA
 - Courses designed or assisted in design
 - Conference papers, conference presentations, and/or journal papers?
2. A teaching statement, no more than 2 pages in length, addressing:
 - Experience teaching or mentoring undergraduates?
 - Techniques you would use to structure a course and to engage students of a variety of learning types, and how you would incorporate inclusive teaching practices.
 - Reflective discussion of approaches used to improve your teaching or mentorship
 - The Gonzaga civil engineering courses you are interested in teaching (see <https://www.gonzaga.edu/school-of-engineering-applied-science/degrees-and-programs/civil-engineering> for a list of courses the department currently offers)? and new one(s) you would propose.
4. A research statement, no more than two pages in length, addressing?
 - An overview of your research and how you plan to develop a successful research program at Gonzaga?

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- Possible research projects you would pursue and how these projects might include Gonzaga students?
- 5. A cover letter, not more than a page in length, that summarizes the areas above and describes the candidate's understanding of and commitment to the university's Mission (<https://www.gonzaga.edu/about/our-mission-jesuit-values>)?
- 6. Names and contact information of three professional references (letters will be requested when finalists are selected.)?

If you have questions about the position, please email the chair, Dr. Mark Muszynski at muszynski@gonzaga.edu. For assistance with the online application, please call 509-313-5996.

The School of Engineering and Applied Science seeks to recruit and retain a diverse faculty who can offer our students a range of expertise, perspectives, and teaching approaches.

Gonzaga University is a Jesuit, Catholic, humanistic institution, and is therefore interested in candidates who will contribute to its distinctive mission. Gonzaga University is a committed EEO/AA employer and diversity candidates are encouraged to apply. All qualified applicants will receive consideration for employment without regard to their disability status and/or protected veteran status. Applicants with disabilities needing reasonable accommodations to complete the application or hiring process should contact Human Resources (509) 313-5996.

Contact Information

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

Contact Dr. Mark Muszynski
Civil Engineering
Gonzaga University
502 E Boone Ave
Spokane, WA 99258



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