



## JOB DESCRIPTION

**DEPARTMENT:** Engineering

**POSITION TYPE:** Full-Time Faculty

**START DATE:** August 2020

**PURPOSE OF POSITION:** To teach engineering related courses in support of a growing engineering program and mentor student projects in areas related to electrical, mechatronics, or computer engineering.

### **QUALIFICATIONS:**

- Personal commitment to a Reformed-Biblical perspective and the ability to articulate how this Christian perspective shapes the teaching and practice of Engineering.
- Personal endorsement of *The Educational Task of Dordt University* and commitment to the curricular design set forth in *The Educational Framework of Dordt University*.
- Expertise in electrical, mechatronics, or computer engineering, with a willingness to teach and support a broad range of engineering related content and coursework.
- A Ph.D. in Engineering or Applied Physics is preferred. A master's degree with relevant work experience is required.
- For engineering applicants, certification as a Professional Engineer in at least one state is desirable. The ideal candidate will have five or more years of consulting, design, research, or other industry experience.
- Demonstrated excellence in college-level teaching, including curriculum design, dynamic classroom management, and ongoing student learning assessment.
- Ability to foster local industrial and research partnerships to provide opportunities for student internships.
- Mature interpersonal, oral, and written communication skills indicative of an ability to collaborate effectively with students, faculty, staff, and broader community members.
- Desire to advance the mission of Dordt University through contributions to student recruitment and retention, reformational teaching and scholarship, campus and community service, and ongoing professional and program development.

### **RESPONSIBILITIES:**

- Teach engineering courses related to the candidate's area of expertise.
- Serve as a mentor and faculty advisor for students enrolled in the engineering programs, assisting in course selection, technical project management, and internship opportunities.
- Participate as a full team member in department and university administrative tasks: curriculum development and review, program assessment, new initiative development, student recruiting, club advising, and committee assignments.
- Develop and implement a personal annual contribution and professional development plan consistent with university and departmental goals; use the plan as part of regular self-assessment.