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# JOB DESCRIPTION

**DEPARTMENT:** Physics

**POSITION TYPE:** Full-Time Faculty

**START DATE:** August 2020

**PURPOSE OF POSITION:** To teach physics related courses in support of both a physics program and growing engineering program and mentor student projects in areas related to applied physics, computational physics, and engineering physics.

**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 and interest in general physics instruction for physics, engineering, and other STEM disciplines, with a willingness to teach and support a broad range of physics, core science, and engineering related content and coursework.
* A Ph.D. in Physics or Applied Physics is preferred. A master’s degree with relevant work experience is required.
* 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 research partnerships to provide opportunities for student research and/or 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 physics, engineering, and physics related courses related to the candidate’s area of expertise.
* Serve as a mentor and faculty advisor for students enrolled in the physics 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.