



JOB DESCRIPTION



INFORMATION

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| Job Title: | <i>Professor of Electrical and Computer Engineering</i> | EEOC Job Classification | Professionals |
| | | FLSA Classification | Exempt |
| Department: | Engineering and Computer Science | W/C Classification | 8868 – Administration/Faculty |
| Reports To: | Chair of the Department of Engineering and Computer Science | Compensation | TBD |

SUMMARY

Advance the mission and vision of TMUS through full-time teaching and student development in the School of Science, Mathematics, Technology, and Health's engineering and computer science department.

ESSENTIAL JOB FUNCTIONS

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Serve as faculty lead for the BS electrical engineering and BS computer engineering degree programs and provide intellectual leadership on campus in the fields.
- Teach courses and labs in the discipline area of electrical and computer engineering (ECE).
- Design and develop course and curriculum plans that stimulate student engagement and learning objectives.
- Provide tutoring, counseling, and mentoring to ECE students.
- Maintain appropriate curriculum and course-related student records and assesses student coursework.
- Oversee the management, development, and sustainment of ECE lab facilities.
- Support and help coordinate satisfaction of accreditation requirements for both ECE BS programs.
- Support development of TMU Online ECE curriculum content, as well as relevant content for other TMU channels such as the Center for Thinking Biblically.
- Support opportunities to publish in the field of electrical and computer engineering, including Christian perspectives on engineering and technology that support the overall Christ-centered objectives and mission of TMU.
- Support and collaborate with faculty colleagues in the Department of Engineering & Computer Science and across campus to further mutual research interests and other co-curricular activities.
- Faculty rank and level commensurate with education and experience.
- Perform other related duties as assigned.

QUALIFICATIONS

- Has a personal relationship with Jesus Christ and a demonstrated commitment to the doctrinal position of TMUS and a continuous exhibition of a desire to minister and serve others in varied capacities.
- Ability and desire to develop and teach original curriculum content in the areas of analog circuits, digital circuits, digital systems, digital signal processing, general electrical and electronic signals and systems, microelectronics, and (for all relevant courses) associated laboratories, as well as various elective courses in other ECE areas as needed or desired.
- Ability and willingness to supervise senior undergraduates in applied design projects that incorporate and integrate course content from all prior courses into a final required capstone project.

- Ability and willingness to mentor and shepherd undergraduate ECE students in their search for internships, jobs, and graduate school admission in the field, as well as in their spiritual and personal growth in Christ.
- Excellent written and verbal communication skills
- Strong organizational and interpersonal skills
- Service oriented with strong interpersonal and communication skills and the ability to work effectively with a wide range of constituencies in a diverse community.
- Exercise confidentiality, good judgment and discernment.
- Must successfully pass a background investigation.

SUPERVISORY RESPONSIBILITY

- This position has no supervisory responsibilities.

EDUCATION AND EXPERIENCE

- Master's degree or equivalent experience, Doctorate degree preferred.
- At least ten years' experience in a relevant field.
- Proficient in Microsoft Office Suite or similar software.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

- While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand; walk; use hands to finger, handle or feel; and reach with hands and arms.
- This position requires the ability to occasionally lift office products and supplies, up to 30 pounds.
- No travel with overnight stay expected.

ADDITIONAL INFORMATION

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

The Master's University & Seminary does not discriminate on the basis of race, color, national origin, ancestry, gender, age, marital status, veteran status or prior military service, medical condition, or any physical or mental disability. We are committed to practicing principles of equal employment opportunity and diversity based upon sovereign Biblical principles.