

# **Associate or Full Professor of Electrical Engineering, Irwin Chair of Engineering**

## **Date of Hire**

Full Time. Fall 2021.

## **Description**

Houghton College invites applications for a full-time, tenure-track appointment in the Department of Physics, Computer Science, and Engineering at the associate or full-professor level starting in the Fall of 2021. Candidates with exceptional qualifications will also be considered for the Irwin Chair of Engineering, an endowed position that provides support for salary and a spending allowance for research, publications, and travel. In addition, the person holding the Irwin Chair receives yearly release time for the purpose of nurturing and developing our newly launched program in engineering.

Our new engineering program, which was just launched in 2019, couples rigorous academics in a strong problem-based learning environment with a strong emphasis on active student engagement in real-world collaborative design projects. We are dedicated to our mission to provide a Christ-centered engineering education, anchored in the liberal arts and sciences, and we see our engineering program as a strategic next step in preparing graduates who can serve the world in ways that honor God and improve the human condition.

Houghton College is committed to the success of this growing program. Prior to the start of the 2019-2020 academic year, \$2.2 million of a total \$3.6 million renovation project was used to remodel 4,465 sq. ft. in the Paine Center for Science into five separate electrical engineering laboratories to be used as mixed-mode engineering lecture-laboratories and student design project laboratories. The Department of Physics, Computer Science, and Engineering has nine full-time faculty positions, including three in engineering, and plans to add one more engineer prior to seeking ABET accreditation in 2023.

Houghton College encourages faculty to pursue opportunities in their field and provides incentives for external collaborations that can benefit students, including research projects or outside consulting. Startup funding and other support, from sources such as the Houghton Summer Research Institute (SRI) and the Center for Data Science Analytics (CDSA), are available for faculty to develop innovative faculty-student collaborative research and experiential learning programs.

## **Responsibilities**

The successful candidate will be expected to teach a broad range of undergraduate courses: electrical engineering courses, introductory physics, and general education, including some online teaching.

**Qualifications:**

A Ph.D. in electrical engineering or closely related field is required. Previous teaching experience, experience with the ABET accreditation process, and experience in industry are all desirable. Academic rank and salary will be determined based on experience.

Also required is ability to help students form respectful attitudes and interactions with people who differ in abilities, attitudes, and cultural experience, with sensitivity to factors that affect our own assessment of others.

Other important qualities for this position include a commitment to excellence and creativity in undergraduate teaching, a mature Christian faith, and an ability to integrate Christian faith into their teaching.

**Deadline:**

May 2021

**To Apply:**

Visit <http://www.houghton.edu/campus/human-resources/employment/faculty-openings/> and follow the PROCEDURE FOR APPLICANTS. For more information about Houghton College, visit [www.houghton.edu](http://www.houghton.edu).

For questions related specifically to this position, please contact Professor Brandon Hoffman, Chair of the Department of Physics, Computer Science and Engineering: [Brandon.Hoffman@houghton.edu](mailto:Brandon.Hoffman@houghton.edu).

**About Houghton**

Founded in 1883, Houghton College is a Christian liberal arts college in the Wesleyan tradition with an overall student body of 1,100 representing 40 states and Canadian provinces and 25 foreign countries. US News & World Report's "America's Best Colleges" Guide has ranked Houghton among the Tier 1 National Liberal Arts institutions. Additional information on Houghton College can be found at: [www.houghton.edu](http://www.houghton.edu).

Houghton College is fully committed to a culturally diverse faculty, staff and student body. Successful candidates will evidence similar commitments.