



Posting Date: May, 2019

Position: Instructor - Physics

Department: Physical Sciences

Alverno College is a private liberal arts college with an internationally acclaimed ability-based program and diverse student body. A Catholic College founded by the School Sisters of Saint Francis, we are dedicated to the undergraduate education of women while serving men and women in our adult and graduate programs. Our low instructor-to-student ratio and collaborative faculty contribute to a positive learning environment. We provide students with real-life, hands-on experiences in the classroom, in study abroad opportunities and in professional internships related to their major. These experiences, among others, have resulted in Alverno College being recognized among the top four Midwest Regional Universities in the 2018 *U.S. News & World Report* "Strong Commitment to Teaching" category for the eighth consecutive year.

The College is seeking applicants for a part-time Instructor of Physics for the Department of Physical Sciences.

Primary Duties and Responsibilities

*The following information is not meant to be all-inclusive.
Other duties and responsibilities may be assigned as necessary.*

Responsible for instructing first semester algebra and calculus based physics (lecture and lab) in an integrated fashion where algebra and calculus physics students meet for four hours together, and separately for two hours for a total of 8 contact hours per week. The course runs from 4:10 to 6 pm M through Th. The position will additionally include revising and designing, setting up and implementing laboratory experiences to support students understanding of motion, Newton's laws, energy, momentum and angular momentum. This course is taken by science and math students. The course description is as follows:

"The student is introduced to the principles of classical mechanics. She learns to apply these principles, in conjunction with her knowledge of algebra & trigonometry or algebra, trigonometry and calculus, to solve practical and idealized problems dealing with the behavior of material objects. The development of problem solving and analytical skills is stressed throughout this course."

Qualifications

Requires previous teaching experience.

Successful candidates will have a demonstrated commitment to promoting diversity, inclusion, and multicultural competence in an educational and work environment and must be willing to contribute to the College's strategic plan of inclusion.

Education

A Master's degree or higher in Physics or closely related field is required. Candidates currently in a PhD program will be considered if they have a strong interest in teaching, have experience that aligns with the course description, and have at least 18 graduate credits in physics or closely related field.

How to Apply

Apply on-line at www.alverno.edu/jobs

Please attach cover letter and resume to the on-line application.

Alverno College is an Equal Opportunity Employer and committed to workplace diversity