

## Adjunct Faculty, Physics

### WSU Vancouver

#### Position Summary:

Washington State University Vancouver is seeking an applicant for the position of Adjunct Faculty to teach part of the spring 2018 semester undergraduate algebra/trigonometry-based and/or calculus-based physics courses. The spring semester started on January 8th and it ends on May 8th. Content development is not required. Instructor will have access to existing course materials. Applicants can apply to teach one course or more courses in the same application. See course descriptions below.

#### COURSE DESCRIPTIONS:

*Physics 101:* 101 [PSCI] General Physics 4 (3-3) Course Prerequisite: MATH 107 or 108 with a grade of C or better, a minimum ALEKS math placement score 75%, or passing MATH 140, 171, 202, or 206.

Algebra/trigonometry-based physics; topics in mechanics, wave phenomena, temperature, and heat; oriented toward non-physical science majors.

Lecture: Monday, Wednesday, and Friday: 2:10 pm -3:00 pm; Enrollment: ~ 48 students.

*Physics 102:* 102 [PSCI] General Physics 4 (3-3) Course Prerequisite: PHYSICS 101 with a grade of C or better; MATH 107 or 108 with a grade of C or better, a minimum ALEKS math placement score 75%, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in electricity, magnetism, optical phenomena, relativity, and quantum theory; oriented toward non-physical science majors.

Lecture: Monday, Wednesday, and Friday: 12:10 pm -1:00 pm; Enrollment: ~ 72 students.

*Physics 202:* 202 [PSCI] Physics for Scientists and Engineers II 4 (3-3) Course Prerequisite: PHYSICS 201 with a C or better or PHYSICS 205 with a C or better; MATH 172 with a C or better or MATH 182 with a C or better. Calculus-based physics, topics in electricity, magnetism, electromagnetics, D/C and A/C circuits, optics, reflection, refraction, interference, diffraction, polarization.

Lecture: Monday, Wednesday, and Friday: 8:00 am - 9:00 am; Enrollment: ~ 60 students

#### Minimum Requirements:

Candidates must possess, at least, M.S. in Physics or related discipline.

#### Preferred Qualifications:

Ph.D. in Physics or related discipline, and experience in teaching undergraduate courses and labs at a college level.

Successful candidates must demonstrate a commitment to working with diverse student learners and community.

#### Salary:

Compensation is based on terminal degree and paid on a credit hour basis, with additional money if lab supervision is required. Minimum per lecture credit: \$1,497 (MS) or \$1,568 (PhD). Minimum per lab contact hour: \$1,016 (MS) or \$1,070 (PhD). Actual compensation will be prorated based on start date.

**To Apply:** Review of completed applications will begin immediately and will continue until the position is filled. Interested applicants should send by email:

1) a cover letter discussing training and experience as related to the required and preferred qualifications, 2) curriculum vitae, 3) contact information for three references, and (4) evaluations of past teaching experience, if available to [adenike.otoikhian@wsu.edu](mailto:adenike.otoikhian@wsu.edu).