The Department of Electrical and Computer Engineering is seeking a qualified individual to teach ECE 471 / ECE 536 Computer Vision for the Spring 2021 (January to April) academic term. The calendar description of the course is below:

**ECE 471  Computer Vision**
Units: 1.5  Hours: 3-1.5-0  
**Formerly:** CENG 421

Overview of the main concepts and methods in computer vision; geometry and physics of imaging, as related to image formation and image acquisition; low-level methods of image analysis, such as filtering, edge detection, feature detection, and segmentation; methods for extracting and representing three-dimensional scene information; visual pattern recognition; motion analysis and algorithms for video understanding.

**Note:**
Credit will be granted for only one of ECE 471, CENG 421.

**Prerequisites:**
ECE 310 or ELEC 310

**ECE 536  Computer Vision**
Units: 1.5
**Formerly:** ELEC 536

Overview of the main concepts and methods in computer vision; geometry and physics of imaging, as related to image formation and image acquisition; low-level methods of image analysis, such as filtering, edge detection, feature detection, and segmentation; methods for extracting and representing three-dimensional scene information; motion analysis and algorithms for video understanding. Students are required to complete a project.

**Note:**
Credit will be granted for only one of ECE 536, ECE 471, CENG 421, ELEC 536.

**REQUIRED QUALIFICATIONS AND EXPERIENCE**

- The successful individual will have a Ph.D. degree, or be enrolled in a Ph.D. degree and must have demonstrated knowledge or experience with the subject matter.
- Prior teaching experience at a university level is an asset.
- Salary is commensurate with the qualifications and follows the Sessional Lecturer Salary Grid included in the agreement between the University of Victoria and CUPE Local 4163 (Component 3).
- **IF YOU ARE A GRADUATE STUDENT APPLYING FOR THIS POSITION, YOUR APPLICATION MUST INCLUDE A LETTER FROM YOUR SUPERVISOR(S) INDICATING HIS/HER/THEIR AGREEMENT WITH YOUR ACCEPTING THIS POSITION SHOULD IT BE OFFERED TO YOU.**

The availability of this position is subject to funding and enrollment criteria. The University of Victoria reserves the right to fill additional teaching assignments from the pool of applicants for this posting.

The University of Victoria is an equity employer and encourages applications from women, persons with disabilities, visible minorities, and aboriginal persons.

**TO APPLY:** Please submit an expression of interest together with a recent CV via email to eceasst@uvic.ca
Attention: Chair, Department of Electrical and Computer Engineering by: 6 November 2020.

The anticipated date by which employment decisions will be made is 13 November 2020.