

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### Post Specification

#### Assistant Professor in Transportation Engineering (Ref. 22051009)

The Department of Civil and Environmental Engineering enjoys a high reputation in conducting application-oriented research and has well established connections with industry partners and government agencies in Hong Kong. It offers academic programmes at various levels. In addition to PhD and MSc programmes, the Department currently offers 4 undergraduate programmes, namely BEng(Hons) in Civil Engineering, BEng(Hons) in Structural and Fire Safety Engineering, BEng(Hons) in Environmental Engineering and Sustainable Development, and BSc(Hons) in Environmental and Occupational Safety and Health; and will adopt a scheme-based admission for undergraduate students effective from 2022/23 intake cohort. The Department currently has about 44 regular faculty members and 35 technical and administrative personnel, and is committed to international standards of excellence in teaching and research. Please visit the website at <http://www.cee.polyu.edu.hk> for more information about the Department.

### Duties

The appointee will be required to:

- (a) teach relevant undergraduate and postgraduate subjects in Transportation Engineering such as Design of Transport Infrastructure, Traffic Engineering and Control, Urban Transport Planning - Theory and Practice, Big Data Analytics in Transportation, and other related subjects;
- (b) supervise student projects and theses;
- (c) initiate, lead and participate in research activities;
- (d) undertake relevant administrative duties, including programme leadership, curriculum development, programme validation, accreditation, etc.; and
- (e) perform any other duties as assigned by the Head of Unit or his/her delegates.

### Qualifications

Applicants should:

- (a) have a PhD degree in Transportation Engineering or equivalent areas;
- (b) have a strong commitment to excellence in teaching and research;
- (c) have a good record of research, publications and scholarship;
- (d) be able to demonstrate effective classroom teaching skills and have good interpersonal skills; and

- (e) possess research interest in, but not limited to, one or more of the following areas:
- Intelligent Transportation Systems;
  - Smart / Green Transport; and
  - Big Data Analytics for Transportation.

Preference will be given to those with a good undergraduate degree in Transportation Engineering or Civil Engineering. Relevant professional qualifications and work experience as a civil engineer or transportation engineer will be an asset.

### **Remuneration and Conditions of Service**

A highly competitive remuneration package will be offered. Initial appointment will be on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at <https://www.polyu.edu.hk/hro/docdrive/careers/doc/Prof.pdf>. Applicants should state their current and expected salary in the application.

### **Application**

Please send a completed application form by post, nominate three referees from different institutions/organisations by providing their names, addresses and relationship with the applicants, to **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to [hrstaff@polyu.edu.hk](mailto:hrstaff@polyu.edu.hk). Application forms can be downloaded from [https://www.polyu.edu.hk/hro/careers/guidelines\\_and\\_forms/forms](https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/forms). If a separate curriculum vitae is to be provided, please still complete the application form which will help speed up the recruitment process. **Consideration of applications will commence on 1 August 2022 until the position is filled.** The University's Personal Information Collection Statement for recruitment can be found at [https://www.polyu.edu.hk/hro/careers/guidelines\\_and\\_forms/pics\\_for\\_recruitment](https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/pics_for_recruitment).

10 May 2022