

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING

Post Specification

Scientific Officer (Ref. 21040903-E)

Duties

The appointee will be required to:

- (a) manage the Ng Tat Lun Digital Factory and comply with the laboratory safety regulations;
- (b) operate, maintain and calibrate laboratory equipment and software such as automation, virtual reality (VR), CAD/CAM, 3D printers, etc.;
- (c) deliver demonstration and provide support to the research and consultancy projects;
- (d) train and assist students and research personnel on the use of laboratory equipment and software;
- (e) support teaching activities and assist in supervising final year projects;
- (f) manage computerized systems and web applications, including maintenance of online database, security control and system upgrade; and
- (g) perform any other duties as assigned by the Head of Department or his delegates.

Qualifications

Applicants should have:

- (a) a recognised degree, preferably a higher degree, in Engineering or a related discipline;
- (b) at least five years of relevant experience, preferably in automation, simulation, CAD/CAM and 3D printing;
- (c) experience in automation and VR applications development;
- (d) knowledge of computer programming such as C#, Java and Python;
- (e) a good command in both written and spoken English and Chinese; and
- (f) proactive attitude with good interpersonal and communication skills.

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. Applicants should state their current and expected salary in the application.

9 April 2021