COMPUTERWORLD SINGAPORE (/)

NUS-ISS to help prepare Singapore's workforce for disruptive technology trends

Kareyst Lin | Oct. 18, 2016

The institute will introduce new courses including IoT, AI, deep machine learning and robotics.

The National University of Singapore Institute of Systems Science (NUS-ISS) announced new programmes and initiatives to support Singapore's national SkillsFuture movement, according to a press statement on 30 September 2016.

NUS-ISS will expand its collaboration with Workforce Development Agency (WDA) to include professional conversion programmes, a stackable graduate degree programme, as well as matching, placement and advisory services.

These new initiatives are designed to meet industry needs, and will support the national SkillsFuture movement.

NUS-ISS also expects to introduce about 30 new courses over the next three years in areas including Internet of Things (IoT), Artificial Intelligence (AI) and Deep Machine Learning and Robotics.

This is to prepare Singapore's workforce for the disruptive technology trends that are transforming the industry.

Professional Conversion Programmes for data analyst and full stack software developer

NUS-ISS and WDA will jointly introduce two new Professional Conversion Programmes (PCP) for data analyst and full stack software developer. This is in response to growing interest from mid-career professionals looking to enter the ICT industry.

As part of the ADAPT and GROW initiative, the PCPs aim to help mid-career Professionals, Managers and Executives (PMEs) to reskill with the necessary competencies and match them with employers.

Each PCP consists of bite-sized learning bootcamps, follows by on-the-job training. The programmes will be rolled out in the last quarter of 2016.

Stackable graduate degree programme

NUS-ISS will also be launching a new stackable graduate degree programme in digital solutions development. The programme is a series of four certificates which will stack up towards its existing Graduate Diploma in Systems Analysis.

It will be conducted in a modular format to provide participants with bite-sized learning opportunities, and enable them to pick up new skills to prepare them for various digital solutions development job roles.