

ANNEX B

LIST OF NEW PROGRAMMES BY INSTITUTES OF HIGHER LEARNING

1. Master of Science in Industry 4.0 by National University of Singapore

The Master of Science in Industry 4.0 is an interdisciplinary graduate degree programme that will help our workers keep pace with digital transformation and the Fourth Industrial Revolution. The programme, which will admit its first intake in August 2019, taps on the deep expertise of various NUS academic units in Industry 4.0, and its curriculum was specifically designed in accordance with EDB's Singapore Smart Industry Readiness Index – to aid companies in transforming their capabilities through human capital, and to support Singapore's drive towards becoming a Smart Nation.

More details are available at: https://scale.nus.edu.sg/programmes/graduate/MSc-Industry-4_0

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2. Masters Collective by Ngee Ann Polytechnic

Ngee Ann Polytechnic has worked with well-known entrepreneurs, industry icons and influencers to produce a collection of online videos in a unique docu-series style on how they have built their businesses. Narrated and presented by the business founders, the course explores their real-life experiences – struggles, failures, learnings and the skills they picked up – in building an enterprise from scratch.

The series covers topics such as how to build a fashion brand by Love Bonito, the role of passion in social media influencing by Meat Men, the importance of vision and purpose as well as how to scale beyond Singapore by Carousell, and the challenges of growing an entertainment business by Alaric Tay.

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3. Micro Learning Course on Industry 4.0 by Temasek Polytechnic

The course will allow learners to learn and upskill anytime, anywhere and at their own pace. Learners will understand what the Industrial Revolution is and identify the 12 technologies that will enable Industry 4.0. Apart from the Industry 4.0 micro-learning course, Temasek Polytechnic also provides over 99 other courses which learners can choose from.

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4. Specialist Diploma in Augmented Reality & Virtual Reality by Nanyang Polytechnic

Augmented Reality & Virtual Reality are fast-moving new verticals in the digital media industry. Such immersive technologies demand developers with specialist skillsets to enable and engage users in various fields.

The targeted industries of the Specialist Diploma course fall within the infocomm technology and media sector, supporting new jobs for PMETs in the digital economy that will leverage on immersive media. The Specialist Diploma will also support non-media industries such as retail, healthcare, marketing and automotive. Students will

be thoroughly exposed to the confluence of skills that is digital media including technology and design capabilities.

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