Smart Nation Education: Leading Singapore IHL offers industry-relevant ICDL courses

In July 2020, ICDL Asia welcomed Temasek Polytechnic (TP) as the first Singapore-based Institute of Higher Learning (IHL) to offer ICDL certification to its students. As of December 2021, more than 1,400 TP students benefitted from studying at least one ICDL module since its implementation.

Established in 1990, Temasek Polytechnic is a leading IHL in Singapore. It takes pride in equipping students with lifelong skills and digital knowledge for a future of dynamic change.

In line with Singapore’s Smart Nation strategy to prepare its students for the digital economy, TP recognises the importance to tap on digital technology to unlock new realms of self-directed and collaborative learning. This catalysed the strategic partnership between ICDL Asia and TP to launch a programme to improve TP students’ digital skills and core industry competencies.

Spearheaded by the TP Industry Partnership team, this programme launched in 2020 with 518 students from the School of Applied Science (ASC). Students are offered to take up to 5 ICDL modules during their course of the diploma studies.

Over 1,400 Temasek Polytechnic students have learn and certify with ICDL.
Through this programme, students are empowered to learn collaboratively using ICDL’s interactive and engaging eLearning courseware.

Following the successful implementation by ASC, School of Business, School of Engineering and School of Humanities and Social Sciences have subsequently made ICDL modules available to their diploma students. To date, over 1400 TP students from four academic schools in TP learn and certify with ICDL.

In preparation for future work and internships, ICDL office productivity modules are the most popular among TP students. We also witness an uptake in emerging technologies such as Artificial Intelligence and Internet of Things.

ICDL Asia has also supported faculties in selecting industry-relevant modules for their students. Business and Law students are taking the ICDL Cybersecurity and Teamwork module, while Engineering students are recommended the Data Analytics module.

ICDL Asia will continue to work with TP to offer our modules to more diploma courses.

**Top 10 Popular ICDL Modules in Temasek Polytechnic (2021)**

1. Presentation
2. Data Analytics
3. Documents
4. Internet of Things
5. Artificial Intelligence
6. Presentation (Advanced)
7. Teamwork
8. Cyber Security
9. Spreadsheets
10. Documents (Advanced)

**Hear what TP students and teachers are saying about ICDL**

“Industry partners have always feedbacked to us that they want students to have ample knowledge on office productivity software, especially Excel. ICDL helps our students to mitigate these skills gaps.”

*Professor, TP School of Business*

“As many jobs require employees to know how to use Excel, learning its basic functions through ICDL makes me feel more prepared for my upcoming internship and future work.”

*Student, TP School of Engineering*

“The ICDL course has taught me about technological affairs around the world which I applied in my assignments and projects.”

*Student, TP School of Humanities and Social Sciences*

“After taking the ICDL course, I’ve applied the skills to my studies and now I’ve saved so much time when doing excel sheets on nutrition. I was able to effectively use new functions and formulas to calculate certain values faster.”

*Student, TP School of Applied Science*

“Equipping myself with Powerpoint and Excel skills through ICDL has helped me to increase my productivity in school. Now, I can prepare laboratory reports more quickly and efficiently.”

*Student, TP School of Applied Science*

“ICDL has helped me to learn more workplace skills and broaden my thinking.”

*Student, TP School of Business*