



For more information and registration of our courses



For SIT Alumni to apply for our courses using SITizens Learning Credits

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# BE FUTURE-READY

with SITLEARN Professional Development

COURSES 2018/2019

SITLEARN Professional Development (SITLEARN PD) is the lifelong learning division of Singapore Institute of Technology (SIT). SITLEARN PD caters to working adults who are keen to upgrade and gain new skills which can be applied in the workplace.

## Public Courses for Individuals

We develop industry-relevant, authentic learning experiences which help connect the dots between concepts and real-world applications. Developed in consultation with industry, our portfolio of continuing education courses focuses on the following areas:

- |                        |                         |
|------------------------|-------------------------|
| Health Sciences        | Infocomm Technology     |
| Engineering            | Process Safety          |
| Hospitality Businesses | Robotics and Automation |

## Customised Courses for Companies

We tailor your organisation's specific training needs to your business context and development goals.



## Why SIT And How You Will Benefit

- Gain fresh insights and draw lessons based on the latest ideas, case studies, research and developments
- Reinforce, validate and contextualise learning as you journey through the course
- Connect and learn with peers from diverse roles, backgrounds and experience

## How Your Organisation Will Benefit

- Anticipate and prepare your workforce to stay adaptable, relevant and nimble
- Retool your teams and employees to perform and stay competitive
- Stay connected to a wide ranging portfolio of courses

## What Participants Say About SITLEARN PD's Courses

*"The workshop is clinically relevant and the presenter has very good product knowledge. It is hard to find courses and workshops of such high quality that are affordable."*

- Lau Ai Ni, Lead Principal Physiotherapist, United Rehab & Physio Pte Ltd

*"The topics are very relevant and the resolutions including some pros and cons were also discussed. An eye opener."*

- Sarbojit M. Bose, Cybersecurity Trainer, NTUC Learning Hub

*"Very insightful introduction to Systems Engineering body of knowledge. I'm excited to implement some concepts in the new system of our product."*

- Sky Yeo, R&D Manager, SICK Product Centre Asia

# SITLEARN PROFESSIONAL DEVELOPMENT COURSE CALENDAR (SEP 2018 to JAN 2019)

Course Title	Course Fee after Max Subsidy <sup>1</sup>	Course Duration	Level 1: Basic, 2: Intermediate, 3: Advanced	Course Date
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## HEALTH SCIENCES

Self-Management Approach for Chronic Diseases	S\$145.20	2 days	2	9 & 10 Oct 2018
Physical Capacity Function - Assessments and Measurements	S\$72.60	1 day	2	13 Oct 2018
Ultrasound Physics and Instrumentation	S\$121.00	2 days	2	26 & 27 Oct 2018
Management of Cervical Spine Disorders: A Research Informed Multimodal Approach	S\$127.05	1.5 days	3	27 & 28 Oct 2018 (FULL)
Principles of Sonographic Practice, Image Quality and Appreciation	S\$181.50	3 days	2	1 to 3 Nov 2018
Motor Control Impairments of the Low Back and Neck	S\$145.20	2 days	2	23 & 24 Nov 2018
Community Programme Leader Training in Aged Care and After-stroke Care	TBA	3 days	2	4 & 5 Dec 2018 & 4 Jan 2019



## HOSPITALITY

Revenue Management and Distribution for Practitioners	S\$181.50	3 days	1	29 Nov to 1 Dec 2018
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## INFOCOMM TECHNOLOGY

### Cybersecurity

Information Security Audit and Assurance	S\$471.90	5 days	2	22 Oct to 26 Oct 2018
Cybersecurity: Strategy and Legal Governance	S\$471.90	15 days	2	8 Jan to 23 Apr 2019

### Data Analytics

Performance Testing for Web Applications	S\$60.50	1 day	1	Email us for more details
Data Analysis with R	S\$242.00	1 day	1	Email us for more details



## PROCESS SAFETY

Workshop 1: Process Safety Concepts <sup>2</sup>	S\$470.80 <sup>3</sup>	1 day	1	Email us for more details
Workshop 2: Fire and Explosion Prevention <sup>2</sup>	S\$1198.40 <sup>3</sup>	2 days	2	
Workshop 3: Designing and Engineering for Safe Operations: Runaway Reactions and Dust Handling <sup>2</sup>	S\$1198.40 <sup>3</sup>	2 days	2	
Workshop 4: Relief Systems: Types, Characteristics and Design Considerations <sup>2</sup>	S\$1198.40 <sup>3</sup>	2 days	2	
Workshop 5: Process Hazard Analysis <sup>2</sup>	S\$1198.40 <sup>3</sup>	2 days	3	
Workshop 6: Layer of Protection Analysis (LOPA) <sup>2</sup>	S\$1198.40 <sup>3</sup>	2 days	3	
Workshop 7: The Human Factor in Process Safety <sup>2</sup>	S\$1198.40 <sup>3</sup>	2 days	2	
Workshop 8: Quantitative Risk Analysis <sup>2</sup>	S\$1926.00 <sup>3</sup>	3 days	3	



## ROBOTICS AND AUTOMATION

Introduction to Robotics Fundamentals	S\$78.65	1 day	1	16 Oct 2018
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The content of the course calendar is subject to change without prior notice and is correct at the time of printing. Please refer to our website for the latest information (courses, fees & dates).

<sup>1</sup>Fees quoted are inclusive of GST and after SkillsFuture Mid-Career Enhanced Subsidy for Singaporeans aged 40 and above. Up to 90% SkillsFuture funding is available for eligible Singapore Citizens and Permanent Residents. Terms and conditions apply.

<sup>2</sup>Credit-bearing Modules

<sup>3</sup>Fees quoted are after e2i funding and is available for eligible participants. Terms and conditions apply.

\*Funding is not available for the selected courses

Course Title	Course Fee after Max Subsidy <sup>1</sup>	Course Duration	Level 1: Basic, 2: Intermediate, 3: Advanced	Course Date
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## ENGINEERING

### Building Services

Airflow Modelling Using Computational Fluid Dynamics (CFD) in Built Environment	S\$217.80	8 days	2	6 Sep to 28 Sep 2018
Understanding HVAC System in a Systematic Way	S\$157.30	2 days	2	26 & 27 Sep 2018
Building Indoor Air - Learn What it Takes to Enhance the Quality	S\$78.65	1 day	1	11 Oct 2018
Basic Building Information Modelling (BIM) Authoring Skill	S\$290.40	4 days	1	3 Nov to 24 Nov 2018
Facility Management using ARCHIBUS: Asset and Building Operations Management	S\$157.30	6 days	2	13 Nov to 29 Nov 2018
Human Centric Lighting Design in Built Environments	S\$157.30	2 days	1	17 & 18 Jan 2019
Facility Management using ARCHIBUS: Space Planning and Move Management	S\$157.30	6 days	2	Email us for more details
Smart Solutions for Urban Farmers	S\$78.65	1 day	1	Email us for more details

### Civil Engineering

Civil Engineering Technical Seminar	TBA*	1 day	1	23 Oct 2018
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### Non-Destructive Testing

SGNDT Penetrant Testing Level 2 <sup>2</sup>	S\$181.50	5 days	2	15 to 26 Oct 2018
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### Power & Clean Energy

Power Systems Analysis and Control <sup>2</sup>	S\$399.30	14 days	3	From 3 Sep 2018
Power Systems Fault Analysis and Protection <sup>2</sup>	S\$399.30	14 days	3	From 4 Sep 2018
Electrification for Transportation and Built Environment <sup>2</sup>	S\$399.30	14 days	3	From 5 Sep 2018
Power Electronic Conversion <sup>2</sup>	S\$399.30	14 days	3	From 6 Sep 2018
Professional Practices in Power Engineering <sup>2</sup>	S\$399.30	14 days	3	From 7 Sep 2018
Smart Grids and Cyber Security <sup>2</sup>	S\$399.30	14 days	3	From 7 Jan 2019
Analysis and Design of Electrical Machine Systems <sup>2</sup>	S\$399.30	14 days	3	From 8 Jan 2019
Condition Monitoring in Power Engineering <sup>2</sup>	S\$399.30	14 days	3	From 9 Jan 2019
Power Quality and Reliability <sup>2</sup>	S\$399.30	14 days	3	From 10 Jan 2019
Energy Resources, Market and Economics <sup>2</sup>	S\$399.30	14 days	3	From 11 Jan 2019

### Systems Engineering

Fundamentals of Systems Engineering	S\$60.50	1 day	1	Email us for more details
Intermediate Systems Engineering	S\$145.20	2 days	2	
Systems Engineering Practice	S\$235.95	3 days	3	
Requirements Engineering Foundations	S\$145.20	2 days	2	
Requirements Engineering Practice	S\$314.60	2 days	3	

### Telematics

Managing Traffic with Intelligent Transport Systems	S\$72.60	1 day	2	11 Sep 2018
Transforming Transport Landscape	S\$78.65	1 day	3	13 Sep 2018
Fundamentals of RF Engineering	S\$145.20	2 days	2	27 & 28 Sep 2018
Introduction to Electromagnetic Compatibility	S\$157.30	2 days	2	Email us for more details