



COURSE OPENING

NICF – ESSENTIAL PRACTICES FOR AGILE TEAMS

swarna@nus.edu.sg

We started in 1981 with an important national task of developing IT leaders and professionals. Since then, we have been consistently supporting our national IT capability development agenda and recently expanded into the enterprise business analytics, leadership and service innovation areas.

Our Vision

Providing thought leadership in organisational innovation and business transformation

Our Mission

Developing infocomm and digital business leaders through education, applied research and consulting services

OVER		OFFERING OVER		TRAINING OVER	
4,700	GRADUATE ALUMNI	80	ENTERPRISE IT, INNOVATION & LEADERSHIP PROGRAMMES	100,000	INFOCOMM PROFESSIONALS

ISS is the first National Continuing Education and Training (CET) Institute for the:

- National Infocomm Competency Framework (NICF)

ISS is an appointed Programme Partner for:

- Service Excellence Competency Framework (SVCF)
- Creative Industries (Design Thinking) Workforce Skills Qualifications Framework (CI)

Benefits to Singaporeans/PRs

- Acquire latest skills and knowledge supported by attractive funding
- Be eligible for up to 50 to 95% funding of accredited course fee
- SMEs will get to enjoy subsidies of up to 90% of the course fees when they sponsor their employees
- SkillsFuture Mid-Career Subsidy - Singaporeans aged 40 and above may enjoy up to 90% course fee subsidies
- Workfare Training Support Scheme (WTS) - Singaporeans aged 35 and above, earning a monthly income of not more than S\$1900, may enjoy subsidies of up to 95%



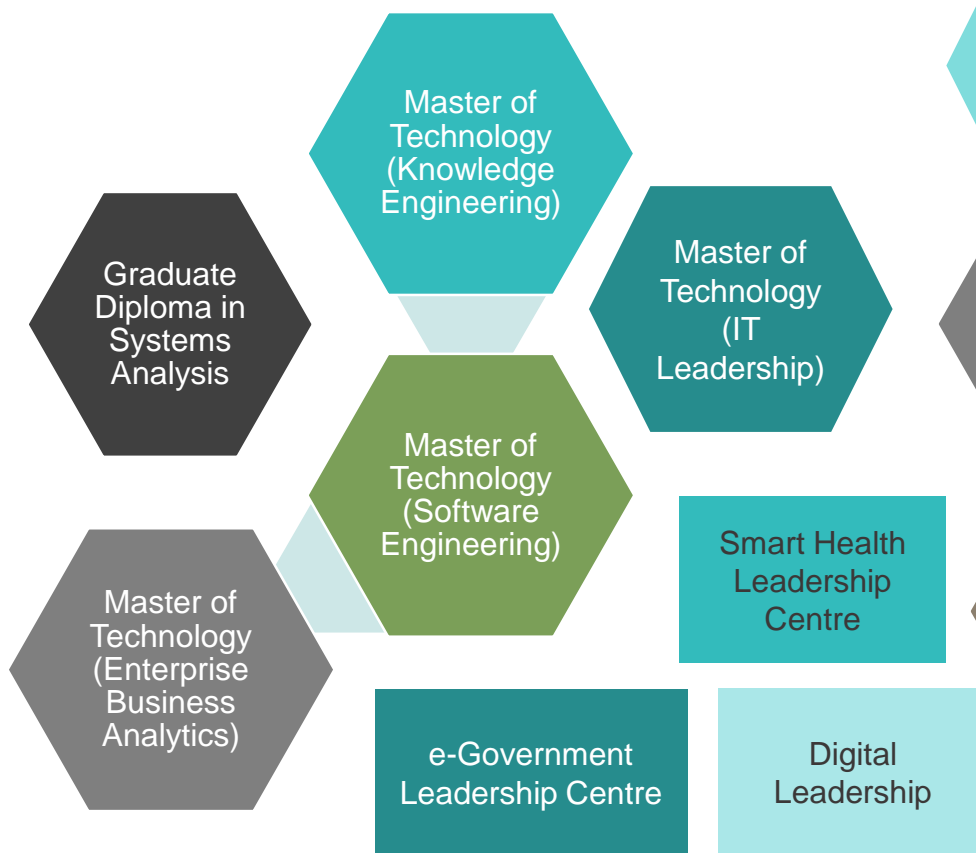
Our Practice-based Education

Research

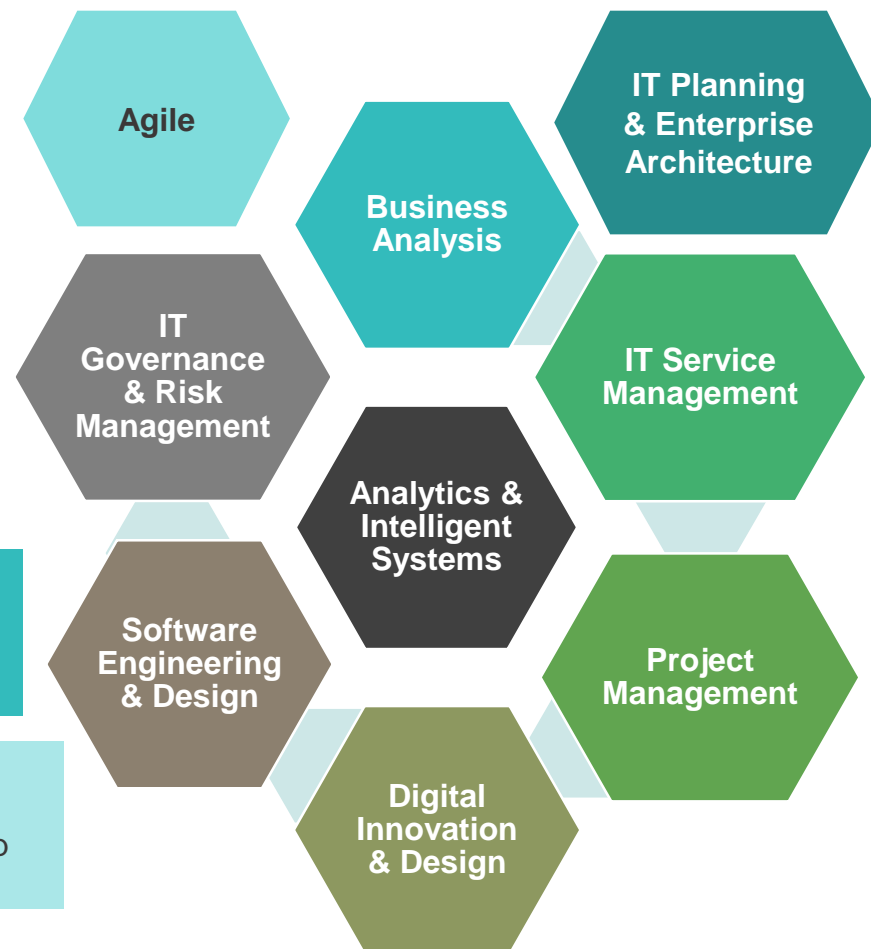
Consulting

Education

Graduate Programmes



Executive Education





Learner's Roles & Responsibilities

- Attend and complete all lectures, class exercises, workshops and assessments
- Complete the course feedback at the end of class to help us improve quality of course
- Complete the post course survey sent about three to six months after class attendance to help us continuously improve the application of learning to work
- Please contact course admin/instructor or email to isstraining@nus.edu.sg for any enquiry or feedback



Course Details

- **Lectures:** 3 days (9:00 am to 5:00 pm)
- **This course includes**
 - WSQ assessments
- **This course is aligned to these NICF competency units:**
 - IT-RG-405S-1 Scope implementation requirements
 - IT-TE-301S-1 Perform integration test



Course Details

- **Course Pre-requisites/Assumed Knowledge & Skills:**
 - Experience in at least one cycle of software development
 - Familiar with one programming language (preferably Java)
 - At least one year experience in technical role
 - Can code in Java/C# in a team
- **Course Objectives/Learning Outcome:**
 - ▶ Appreciate different agile software development methodologies
 - ▶ Collaborate with stakeholder using user stories
 - ▶ Understand and practice Test Driven Development (TDD)
 - ▶ Understand and practice pair programming
 - ▶ Apply architecture and design practices in agile software development
 - ▶ Perform refactoring and apply refactoring patterns
 - ▶ Understand the need for continuous integration (CI) and build a CI system

- **Broad Schedule of Assessment:**
 - at the end of the course
- **Passing Criteria:**
 - Above 50% in quiz
 - Demonstrate ability to apply pair programming and TDD in workshop
- **Assessment Method:**
 - Quiz
 - Workshop in a mock sprint



Assessment

- The WSQ assessment assesses whether learner is competent (C) or not yet competent (NYC) against criteria defined in the Competency Unit(s) covered in this training. If learner is assessed as competent, a Statement of Attainment (SOA) will be issued.
- Participants will receive email or SMS notification within three weeks from date of assessment on the issuance of the e-certificate.
- Participants can view / retrieve and download the e-certificate via SkillsConnect (SCN) at <https://www.skillsconnect.gov.sg> using **Adobe Reader software of at least version 10**. A Step-By-Step Guide for Trainee is available at www.skillsconnect.gov.sg

Assessment and Exam Result Appeal process

- Submit appeal letter to course administrator within 2 weeks from receipt of the assessment/exam results
- You will receive the appeal result via email within 1 month from the date the appeal is received and processed
- If appeal is successful, results will be reissued
- The appeal decision is final. No further appeal will be entertained.



Post Course Value-Added Services for Sponsoring Organisations

- Complimentary services can be any one of the following, that is directly related to the course attended:
 - 1 hour presentation on the course materials/key takeaways/training roadmaps to senior management
 - Half day on-site advice on initiation of project
 - Half day on-site review of project plan or deliverables
- Applicable to executive education courses
- Delivered in Singapore only
- Valid for 3 months after attendance of course
- It is 1 session or half day advisory per organisation for each course

- Attendance
- Name verification
- ID Tag / Name plate
- Internet / Wi-fi access
- Mobile gadgets – Silent mode
- Feedback form
- Storage of items at the end of the day
- Tea Breaks & Lunch
 - Tea breaks and lunch provided at 2nd floor, Multi-Purpose Hall
 - Coffee/Tea/Water Cooler machines
- Washrooms



Fire Evacuation

DO's upon fire alarm trigger:

- Evacuate immediately
- Exit from the building using nearest exit door – look out for sign overhead to locate the staircase
- Do not panic but walk quickly and orderly down the staircase
- Proceed to assembly point

EXIT

DONT's upon fire alarm trigger:

- Do not bring any belongings with you (handbags, files, etc)
- Do not use the lift as it will be de-activated upon the fire alarm trigger
- Do not re-enter the building unless instructed otherwise by the Fire Safety Coordinator or the Civil Defence Officer in attendance

Assembly Point

- ★ Location : Carpark in front of I-Cube (I³)





Instructors

- ▶ Swarnalatha Ashok (swarna@nus.edu.sg)
- ▶ Choong Yue Lin (arynchoong@gmail.com)



Introduce yourself briefly

- ▶ Your name, your company and role
- ▶ How long have you been in IT
- ▶ What is your background in agile development
- ▶ What are your objectives for this class

ISS2020

**THOUGHT
LEADERSHIP**

DEVELOPING LEADERS

BUSINESS
TRANSFORMATION

**DIGITAL
BUSINESSES**

FUTURE SKILLS

**SMART
NATION**

CONSULTING SERVICES

INFOCOMM
PROFESSIONALS

BLENDED LEARNING

**APPLIED
RESEARCH**

HOLISTIC
ECOSYSTEMS

INTERNATIONAL
RECOGNITION

**INDUSTRY
ORIENTATION**

STAKEHOLDER
COLLABORATION

**EDUCATION
PROGRAMMES**



THANK YOU!

swarna@nus.edu.sg