

Past Courses

Date (sorted by)	Title/Fee	Description
<p>Run 1: 5 - 8 Dec(Sat) & 11 Dec 0900 - 1700hrs by Hong Seng 5 - 7 Dec @SoE SR5.2</p> <p>8, 11 Dec @SIS SR3.3</p> <p>Run 2: 11 - 15 Dec(Sat) 0930 - 1830hrs by Yeow Leong @TBC venue</p> <p>Run 3: 10 - 14 Dec 0900 - 1700hrs by Hong Seng, Mok & Vandana @SoE SR2.5</p>	<p>Java Programming</p> <p>Fee: \$50</p>	<p>For: It is a good follow-up to what is covered in IS200, and you will learn more about the Java programming language which will come in handy for the next course, IS201 (Object-Oriented Application Development).</p> <p>Prerequisites: Completed ISSF (IS200), or Fundamentals of the Java Programming Language</p> <p>Min class size: 30 <i>(this course will run only if we have at least this number of students)</i></p> <p>Max class size Run 1 : 45 Run 2 : 70 Run 3 : 45 (only for oversubscribed students from Run 1 & 2 - no more registration will be opened)</p> <p>Notes:</p> <ul style="list-style-type: none"> • SMU is conducting this course under the Oracle Academy. This course covers the official syllabus of the Oracle Certified Java Programmer (SCJP) certification. • Participants are encouraged to take the certification exam after attending this course. • This is a very intensive Java programming course & a good “follow-up” from the fundamental course.
<p>7 Sep 1530 - 1830hrs (3.30 - 6.30pm)</p> <p>Venue: SIS, SR 2.3</p>	<p>Introduction to IPv6</p> <p>Fee: \$5</p>	<p>For: Any students to be aware of the changes from IPv4 to IPv6. This course is supported by Info-Communications Development Authority of Singapore (IDA). Be one of the first to know the impact of this big change to the entire internet. Grab this rare chance!</p> <p>Prerequisites: None</p> <p>Syllabus:</p> <ul style="list-style-type: none"> • Understand the history of IPv4 and the problems with IPv4 • Explain how IPv4 exhaustion has been delayed through its workaround methods • Describe the motivational factors to move to IPv6 <p>Min class size: 30 <i>(this course will run only if we have at least this number of students)</i></p> <p>Max class size: 50</p> <p>Instructor: Professional trainer from Progreso Networks(s) Pte Ltd</p>
<p>Run 1: 6-8, 13-14 Aug @SR 3.1 by Lay Foo</p> <p>Run 2: 6-8, 13-14 Aug @SR 3.2 Vandana</p>	<p>Fundamentals of the Java Programming Language</p> <p>Fee: S\$25 (for coverage of the printing cost of the books)</p>	<p>For: New batch of (2012/2013) freshmen</p> <p>Prerequisites: nil</p> <p>Max class size: 45/run (unless otherwise stated below)</p> <p>Instructors: THIANG Lay Foo (40/run), RAMACHANDRA RAO Vandana, Joelle DUCROT(40/run), MOK Heng Ngee(70/run), LEE Yeow Leong, ONG Hong Seng</p>

<p>Run 3: 6-8, 13-14 Aug @SR 3.3 by Hong Seng</p> <p>Run 4: 6-8, 10-11 Aug @SR 2.2 by Yeow Leong</p> <p>Run 5: 13-17 Aug @SR 2.2 by Joelle</p> <p>Run 6: 13-17 Aug @SR 3.4 by Mok</p>		<p>Syllabus: The Fundamentals of the Java Programming Language course was designed to enable students with little or no programming experience to begin to learn programming using the Java programming language. The course teaches the significance of object-oriented programming, the keywords and constructs of the Java programming language, and the steps required to create simple Java technology programs. Students taking this course can receive a solid basis in the Java programming language upon which to base continued work and training. The course features the Java Platform, Standard Edition 6 (Java SE 6) platform, and uses the Java SE Development Kit 6 (JDK 6) product.</p> <p>Notes:</p> <ul style="list-style-type: none"> ● SMU is conducting this course under the Oracle Academy. This course covers the official syllabus of the Oracle Certified Java Associate (SCJA). ● Number of actual runs and instructors will depend on the enrollment. ● You will need a laptop for this course.
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<p>Run 1: Once per week 8,15,22,29 May, 2 Jun by Yeow Leong</p> <p>Run 2: 18-22 Jun by Yeow Leong</p> <p>Run 3: 1-3 Aug, 6-7 Aug by Fiona</p> <p>Run 4: 11-15 Jul by Yeow Leong</p>	<p>Web Component Development with Servlets & JSPs, Java EE 5</p> <p>Fee: \$50 (for coverage of the printing cost of the books)</p>	<p>For: Students who will be taking SE or IS480</p> <p>Prerequisites: Generally proficient in Java programming. Preferably completed SL275.</p> <p>Max class size: 40/run</p> <p>Instructors: Lee Yeow Leong, Fiona Lee</p> <p>Syllabus: JavaServer Pages (JSP page) technology and servlets are the key web-tier technologies defined in the Java Platform, Enterprise Edition (Java EE platform). The Web Component Development With Servlet and JSP Technologies course provides experienced developers of Java technology applications the knowledge and skills to quickly build web applications from JSP page and servlet technologies using the Sun Java System Application Server, and the Apache Struts framework. Students are exposed to the current methods for analyzing, designing, developing, and deploying web applications with Java technologies. Lab exercises provide students with experience in constructing and deploying the small-to-medium scale web applications found in intranet and low-volume commercial sites. The course features the Java EE 5 technology, and uses the Java EE 5 SDK. The students perform the lab exercises using the NetBeans Integrated Development Environment (IDE). This course is also a recommended method for preparing for the Oracle Certified Professional, Java EE 5 Web Component Developer certification examination.</p> <p>Notes: SMU is conducting this course under the Oracle Academy. This course covers the official syllabus of the Oracle Certified Expert, Web Component Developer certification.</p>

<p>30 May - 8 June (8 days)</p> <p>Preparation Workshop : 30 May - 1 June</p> <p>Actual Workshop: 4 - 8 June</p>	<p>Jumpstart to iOS Development</p> <p>Fee: \$75 (Mainly for</p> <p>i. Book: Objective-C Programming: The Big Nerd Ranch Guide</p> <p>ii. Binded books x 2 : iOS Programming)</p>	<p>For: Students who are excited about developing apps for iPads or iPhones.</p> <p>Prerequisites: Must be proficient in Java programming and completed OOAD. Knowing C or Objective-C is a big plus.</p> <p>Note that this course is non-trivial and if you do not have the programming foundation, you will be very lost.</p> <p>Hardware prerequisites: You must have a Mac that is running MacOs X Lion (10.7.3) and Xcode (>=4.2.1) installed to join this class. We will be doing provisioning for your iPhone/iPad devices. They must be running at least iOS 5.0.1. You will use iPhone/iPad simulator if you do not have an iOS device.</p> <p>The course will start with a Preparation Workshop that is a semi self-learning journey and proceed with the Actual Workshop that will be the bulk of the iOS development training.</p> <p>Preparation Workshop: The seminar room will be booked for the whole day (9.00am - 5.00pm). Each day will involve some briefing of the topics involved and you will then be required to work on your own to complete the exercises for each day. I will be available for 1-2 hours per day for any queries and support required. We will be moving at a very deliberate pace.</p> <p>Actual Workshop: This will be the full 5 days workshop (from 9.00am - 5.00pm) with show and learn style of conducting. We will cover each topic and do the respective exercises required. At the end of the workshop, you should have a good idea of how to get yourself started on iOS development for building an iOS app.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> 1. Basic C programming 2. Objective C programming 3. Cocoa development <p>Instructor: ONG Hong Seng</p>
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28-29 May	<p>Lean Startup, Javascript, and AJAX</p> <p>Fee: \$10</p>	<p>For: Students who are keen to learn about leading edge development practices.</p> <p>Prerequisites: Nil</p> <p>Syllabus:</p> <ul style="list-style-type: none"> ● Practice the Lean Startup methodology of Build-Measure-Learn to iteratively build and deploy a web application. ● You will deploy an application to the public cloud during the first hour of class. ● Learn how to use Javascript to create more dynamic and responsive web pages. ● Understand leading edge development practices such as A/B

		<p>testing, cohort analysis, and AJAX along with powerful techniques such as Test-driven development.</p> <p>Min class size: 8 (the course will run only if we have at least this number of students)</p> <p>Max class size: 20</p> <p>Instructor: Chris Boesch</p>
24-25 May	<p>Project Management Game</p> <p>Fee: \$20</p>	<p>For: Students who are keen to learn and experience how to be an effective project manager.</p> <p>Prerequisites: Nil</p> <p>Syllabus:</p> <ul style="list-style-type: none"> Practice effective project management skills in a fun way through a project management simulation game. Understand the key elements of the project management framework, including project stakeholders, the project management knowledge areas, common tools and techniques, and key project success factors. <p>Min class size: 12 Max class size: 42</p> <p>Instructors: Lee Wee Leong, Joelle Ducrot</p>
<p>22 May 1400 - 1700hrs (2.00 - 5.00pm)</p> <p>Venue: TBC</p>	<p>Introduction to IPv6</p> <p>Fee: \$5</p>	<p>For: Any students to be aware of the changes from IPv4 to IPv6. This course is supported by Info-Communications Development Authority of Singapore (IDA). Be one of the first to know the impact of this big change to the entire internet. Grab this rare chance!</p> <p>Prerequisites: None</p> <p>Syllabus:</p> <ul style="list-style-type: none"> Understand the history of IPv4 and the problems with IPv4 Explain how IPv4 exhaustion has been delayed through its workaround methods Describe the motivational factors to move to IPv6 <p>Min class size: 20 (the course will run only if we have at least this number of students)</p> <p>Max class size: 45</p> <p>Instructor: Professional trainer from Progreso Networks(s) Pte Ltd</p>
10-11 May	<p>Java Programming Extension</p> <p>Fee: \$10 (will be refunded on the second day upon attendance on both days)</p>	<p>ONLY For: Students who have attended any SL275 runs in Dec 2011 to complete the remaining modules (Unit 9 to end of book). Please bring along your own course textbook.</p> <p>Max class size: 50</p> <p>Instructor: MOK Heng Ngee</p>
29 Feb 1400 - 1700hrs	Windows Phone 7 Workshop	For: Students who are keen to develop application for the Windows Phone 7 platform.

SIS, SR 2.2	<p>Fee: \$2 (payment on the day of the workshop)</p> <p>Registration is closed</p>	<p>Prerequisites: Ideally to have some C# programming background.</p> <p>Syllabus:</p> <ol style="list-style-type: none">1. Basic understanding of Windows Phone Platform2. Understanding of what types of applications can be built for Windows Phone3. How to start developing an application for Windows Phone <p>External Instructor: Microsoft Trainer</p>
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