

Enrichment Course Catalogue for 2009

(Version: 25/Oct/09)

Summer Schedule

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Last paper: 20/Apr	19/Apr	20	21	22	23	24	25	
		275-1: Mok (5 days – includes Sat)						
						SL275:HS		
<Term 3A>	26/Apr	27	28	29	30	1/May/09	2	
		275-2: Hong Seng (5 days)				Labor Day		
		285: Yeow Leong (5 days)						
	3/May	4	5	6	7	8	9	
		285: Yeow Leong					Vesak Day	
	10/May	11	12	13	14	15	16	
		314-1: Yeow Leong (7 days)						
	17/May	18	19	20	21	22	23	
		314-1: Yeow Leong		Novell 3071: Sharon (3 days)				
	24/May	25	26	27	28	29	30	
		Debugging: Kevin Steppe (2 days)						
</Term 3A>	31/May	1/Jun/09	2	3	4	5	6	
					314-2: Yeow Leong			
	7/Jun	8	9	10	11	12	13	
		314-2 (7 days)						
<Term 3B>	14/Jun	15	16	17	18	19	20	

Enrichment Courses (2009)

	21/Jun	22	23	24	25	26	27
	28/Jun	29	30	1/Jul/09	2	3	4
	5/Jul	6	7	8	9	10	11
</Term 3B>	12/Jul	13	14	15	16	17	18
	19/Jul	20	21	22	23	24	25
				Fundamentals of ASP.NET with C#: Sonali (3 half days)			
	26/Jul	27	28	29	30	31	1/Aug/09
		EMC Information Storage & Management: Sharon/Vandana/Mok (5 days)					
	2/Aug	3	4	5	6	7	8
			ISSF Exemption Test	SIS Orientation Camp	SIS Orientation Camp	SIS Orientation Camp	
		SAS: Swapna (3 days)					
	9/Aug	10	11	12	13	14	15
	National Day	Public Holiday	314-4: Fiona/Yeow Leong (5 days)				
			110-1/2/3: Joelle/Lian Chee/Vandana (5 days)				
Term 1 starts: 17/Aug	16/Aug	17	18	19	20	21	22
	Back to School...						

December Schedule

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Last paper: 2/Dec	29/Nov	30	1	2	3	4	5
					SL275-3: Hong Seng		
Dec break	6	7	8	9	10	11	12
		275-3: Mok					

2009 Courses

Title	Course Code, dates (time)	Instructor/s	Fees (\$)	Description
Fundamentals of the Java Programming Language (4 days)	110-1 11-14/Aug (0900-1700)	Joelle Ducrot	25	For: new batch of (2009/2010) freshmen Prerequisites: nil Syllabus: http://www.sun.com/training/catalog/courses/SL-110-SE6.xml Max class size: 30/run Notes: <ul style="list-style-type: none"> SMU is conducting this course under the Sun Academic Initiative Program. This course covers the official syllabus of the Sun Certified Java Associate (SCJA) certification.
	110-2 11-14/Aug (0900-1700)	Koh Lian Chee		
	110-3 11-14/Aug (0900-1700)	Vandana Rao		
	110-4 11-14/Aug (0900-1700)	Swapna Gottipatti		
Java Programming (5 days)	275-1 21-25/Apr (1000-1800)	Mok Heng Ngee	35	For: students who have completed OOAD & want to learn a bit more than the OOAD syllabus. Prerequisites: Completed ISSF (IS200), OOAD (IS201) or SL110 Syllabus: http://www.sun.com/training/catalog/courses/SL-275-SE6.xml Max class size: 40 seats/run for SL275-1 and SL275-2. 200 seats for SL275-3. Notes: <ul style="list-style-type: none"> SMU is conducting this course under the Sun Academic Initiative Program. This course covers the official syllabus of the Sun Certified Java Programmer (SCJP) certification.
	275-2 24, 27-30/Apr (1000-1800)	Ong Hong Seng		
Java Programming (7 days)	275-3 3-4/Dec, 7-11/Dec (0900-1700)	Ong Hong Seng/Mok Heng Ngee	36	<ul style="list-style-type: none"> Participants are encouraged to take the certification exam after attending this course. This is a very intensive Java programming course & is a good “follow-up” course for students who have attended SL110.

Enrichment Courses (2009)

Developing Applications with the Java SE Platform (formerly “Java Programming Language Workshop”) (5 days)	285 28-30/Apr, 4-5/May (1000-1800)	Lee Yeow Leong	30	For: students who have completed OOAD & 275 & are keen to acquire more advanced Java skills Prerequisites: Proficient Java programmer, or completed OOAD, or completed 275 Syllabus: http://www.sun.com/training/catalog/courses/SL-285-SE6.xml Max class size: 50 Notes: <ul style="list-style-type: none"> SMU is conducting this course under the Sun Academic Initiative Program. This course covers the official syllabus of the Sun Certified Java Developer (SCJD) certification.
Developing Web Apps using Servlet/JSP Technology	314-1 11-15, 18-19/May (1000-1800) (7 days)	Lee Yeow Leong	35	For: students who will be taking SE or IS480 Prerequisites: Generally proficient in Java programming. Preferably completed 275 Syllabus: http://www.sun.com/training/catalog/courses/SL-314-EE5.xml Max class size: 40/run (80 for 314-4) Notes: <ul style="list-style-type: none"> SMU is conducting this course under the Sun Academic Initiative Program. This course covers the official syllabus of the Sun Certified Java Web Component Developer (SCWCD) certification. Note that the run conducted from 11-15/Aug is a 5-day course (the original duration of this course is 5-days; the earlier 2 runs have been stretched to 7 days so that the pace can be slower).
	314-2 4-5, 8-12/Jun (1000-1800) (7 days)	Lee Yeow Leong		
	314-4 11-15/Aug (1000-1800) (5 days)	Fiona Lee/ Lee Yeow Leong		

<p>SUSE Linux Enterprise Server Fundamentals (3 days)</p>	<p>Novell 3071 20-22/May (1000-1800)</p>	<p>Sharon Lim</p>	<p>40</p>	<p>For: students who want a gentle introduction to Linux & students who may need to work in a Linux environment (e.g. quants, IT professional working with Linux machines). Prerequisites: nil. No prior knowledge of Linux is assumed. Syllabus: http://www.novell.com/training/courseware/ts_proj_info.jsp?pid=19822 Max class size: 30 Notes: <ul style="list-style-type: none"> • SMU is conducting this course under an agreement between SMU & Novell. These 3 courses (Novell 3071, 3072 & 3073) prepare participants for the NCLP (Novell Certified Linux Professional) certification. • Visit http://www.novell.com/training/certinfo/clp for more information about the NCLP certification. • Only 3071 will be offered this summer. </p>
<p>Information Storage & Management (5 days)</p>	<p>EMC 27-31/Jul (1000-1800)</p>	<p>Lee Yeow Leong/Vandana Rao/Sharon Lim/Mok Heng Ngee</p>	<p>30</p>	<p>For: students who are interested in a career as an information/storage professional, or are interested to find out more about IT storage technologies & architectures. Prerequisites: nil Syllabus: http://education.emc.com/ism/course.aspx Max class size: 50 Notes: <ul style="list-style-type: none"> • SMU is conducting this course under an agreement between SMU & EMC Corp. This course covers the official syllabus of the EMC Proven Professional (Associate) examination. • Topics covered include storage systems architecture, networked storage, business continuity & storage virtualization. The course includes a ½-day field trip to EMC's Research Center. </p>
<p>Debugging: Tricks, Techniques & Practice (2 days)</p>	<p>Debugging 25-26/May (1000-1700)</p>	<p>Kevin Steppe</p>	<p>5</p>	<p>For: students taking SE, IS480, or anyone who wants to improve his coding skills Prerequisites: completed OOAD Syllabus: Students will be taught how to become faster and more efficient at finding and fixing bugs. The class will use hands-on practice with several code examples to practice identifying and removing common code bugs. Max class size: 40</p>

<p>Overview of SAS Business Intelligence and Data Integration Applications (3 days)</p>	<p>SAS 3-5/Aug (0900-1700)</p>	<p>Swapna Gottipati</p>	<p>35</p>	<p>For: students taking Data Warehousing & Business Analytics (IS417), Data Mining & Business Analytics (IS424); students doing IS480 projects involving data warehousing &/or business intelligence. Prerequisites: Completed DM (IS202) or experienced with databases Syllabus: http://support.sas.com/training/us/crs/sbiovr.html Max class size: 30 Notes:</p> <ul style="list-style-type: none"> • SMU is conducting this course in conjunction with SAS as part of the SAS Enterprise Intelligence Lab (SEIL) collaboration. • To help you prepare for class, please visit the SAS Business Intelligence Overview website: http://support.sas.com/training/elearn/catalog/bi_overview05/BI_interface.htm • This course provides a hands-on overview of the features and functionality available in the applications of the SAS Intelligence Platform. You will work with the SAS Management Console, SAS Data Integration Studio, SAS OLAP Cube Studio, & SAS Information Map Studio to build a data mart. The information in the data mart is analyzed and reported on using SAS Enterprise Guide, the SAS Add-In for Microsoft Office, SAS Web Report Studio, & the SAS Information Delivery Portal.
<p>Fundamentals of ASP.NET with C# (3 half days)</p>	<p>ASP.NET 22-24/Jul (1200-1700)</p>	<p>Sonali Dani</p>	<p>5</p>	<p>For: students who are taking EWS (IS305); students who want to gain experience with Visual Studio, C# and .NET. Prerequisites: must be familiar with OO concepts & completed one of the following: OOAD or 110 or 275 Syllabus: The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to ASP.NET & C# basics. • Web programming using Web controls & events • Client-side & ASP.NET server-side validations • ADO.NET Database programming in ASP.NET with C# using data controls <p>Max class size: 40 Note: This course aims to introduce students to Microsoft .NET fundamentals, equip them with basic C# programming skills, and familiarize them with the Visual Studio IDE and the use of SQL database server.</p>