Lectures@NUS

Please find the information on our available lectures as follows.

|   | Title: GEK2005 Introduction to Urban Planning  
|   | Lecturer: Assistant Professor Lee Nai Jia  
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<th>Lecturer’s web link: <a href="http://www.rst.nus.edu.sg/staff/rstlnj.html">http://www.rst.nus.edu.sg/staff/rstlnj.html</a></th>
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|   | **Lecture Synopsis:**  
|   | This is a basic and introductory module that provides students with an understanding of urban planning in the context of the evolution and growth of cities and its application in Singapore. For students who are interested in urban planning, this module gives them a foundation for taking up advanced planning modules in the course of their studies. Students are introduced to the origin and concept of urban planning and its relationship with cities. This followed by an introduction on planning theories. The module further examines the tools and techniques used for making plans. The module then introduces the development control system in Singapore and its legal framework. Last, the module goes through some of the issues and challenges face by current planners.  
|   | **Dates** (Semester 2, AY2013): Mondays (Available days are reflected in the registration system)  
|   | **Time/Duration**: 9:00am to 11:00pm  
|   | **Location**: Lecture Room 427, School of Design and Environment |
|   | Title: PF1105 Fundamentals of Facilities Management  
|   | Lecturer: A/Prof Sekhar Narayana Kondepudi  
|   | Lecturer’s web link: [http://www.bdg.nus.edu.sg/People/Faculty/staff_bdgsnk.htm](http://www.bdg.nus.edu.sg/People/Faculty/staff_bdgsnk.htm) |
|   | **Lecture Synopsis:**  
|   | This foundational module covers the breadth and underpinnings of Facilities Management (FM) related to Definitions, Terminologies and Taxonomies, Roles for Facility Managers, FM related Strategy & Planning, Stakeholders, Space Management, Asset Management, Maintenance, Workplace Productivity, Ergonomics, Software in FM, In-House vs. Outsourcing, Service Providers and Supplier Relationships, Contract Management & Financials, Health & Safety, Benchmarking of Best Practices and Trends for the Future. The tone and mode of the teaching is such that the students get a holistic view - not only a theoretical understanding of FM but is continuously supported by real world anecdotes and examples and lectures by leading industry SMEs (Subject Matter Experts).  
|   | **Dates** (Semester 2, AY2013): Thursday (Available days are reflected in the registration system)  
|   | **Time/Duration**: 11:00pm to 1:00pm  
|   | **Location**: Lecture Room 427, School of Design and Environment |
Title: CS3245 Information Retrieval  
Lecturer: A/P Kan Min-Yen

Lecture Synopsis:
17 Jan 2014 - In this lecture we will learn about language models, a simple and fundamental model for both information retrieval and natural language processing, two technologies that play a key role in today’s Web infrastructure.

24 Jan 2014 – We’ll cover the basic concept of an search engine and discuss the earliest and most simple version of this remarkable tool, Boolean search.

7 Mar 2014 – Today we’ll cover the two most important concepts in IR, the TF*IDF weighting scheme and the vector space model (VSM). Both are easy to understand and remember, yet form the basis for state-of-the-art search engine technologies.

Dates (Semester 2, AY2013): 17 Jan, 24 Jan & 7 Mar 2014 (Available days are reflected in the registration system)

Time/Duration: 11:00pm to 1:00pm

Location: Video Conference Room, VCrm COM1 #02, School of Computing

Title: CS2103 Software Engineering  
Lecturer: Damith C. Rajapakse  
Lecturer’s web link: http://www.comp.nus.edu.sg/~damithch

Lecture Synopsis:  
This module introduces the necessary conceptual and analytical tools for systematic and rigorous development of software systems. It covers four main areas of software development, namely object-oriented system analysis, object-oriented system modelling and design, implementation, and testing, with emphasis on system modelling and design and implementation of software modules that work cooperatively to fulfil the requirements of the system. Tools and techniques for software development, such as Unified Modelling Language (UML), program specification, and testing methods, will be taught. Major software engineering issues such as modularisation criteria, program correctness, and software quality will also be covered.

Dates (Semester 2, AY2013): 24 Jan & 7 Feb 2014 (Available days are reflected in the registration system)

Time/Duration: 4:00pm to 6:00pm

Location: ICube Auditorium, School of Computing