CUSIS Course Outline T CU_CURR501 Page 1 of 1		<u>mplate</u> THE CHINESE UNIVERSITY OF HONG KONG Print Course Catalog Details <u>Academic Org: – Subject:</u>				October 14, 2014 10:53:50 AM
			<u>_A</u>	<u>cademic Org. – Subjeci.</u>		
Course:	Course ID:	Eff Date:	Crse Status:	Apprv. Status:	0	
Equivalent O Units: Grading Bas Repeat for C Multiple Enro Course Attril	offering: is: redit: bll: butes:	0 (Min) / 0 (Max)	/ 0 (Acad Progress)			
Topics:						
				COURSE OUTCOMES		
Learning Out	tcomes:					
Course Sylla	bus:					
Assessment	Туре:					
Feedback for	r Evaluation:					
Required Rea	adings:					
Recommend	ed Readings:					
				OFFERINGS		
				COMPONENTS		
			ENR	OLMENT REQUIREMENT	S	

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Sample Course Outline Input by Department/ Programme

Data Language: English

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ourse ID:	007676		
			Find View All First 1 of 1
Effective Date:	01/07/2013	Status: Active	Course Offering 🛃 1 of 1 🕨
Description:	Basic Con in	Stat & Prob II	STAT 2006
Long Course Title:	Basic Concep	ots in Statistics and Probability II	\sim
Long Description:	This course c estimation, in hypothesis te	covers basic theories in estimation and terval estimation, unbiasedness, maxir sting and likelihood ratio test.	testing. Topics include point num likelihood estimation,
Course Units/Hours/Count	L		
Minimum Units:	3.00	Last Course of Mult Term Seq:	
Maximum Units:	3.00	Enrollment Unit Load Calc Type:	Actual Units
Academic Progress Units:	3.00	Course Count:	1.00
Financial Aid Progress Units:	3.00	Course Contact Hours:	0.00
Course Grading			
Grading Basis:	Graded	Grade Roster Print:	Component
Graded Component:	Lecture		
Repeat for Credit Rules			
Repeat for Credit		Total Units Allowed:	3.00
Allow Multiple Enroll in Te	erm	Total Completions Allowed:	1
Additional Course Information			
Instructor Edit:	No Choice		
Add Consent:	No Consent	Drop Consent:	No Consent
Requirement Designation:			
Equivalent Course Group:			
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Catalog Data | Course Outcomes | Offerings | Components | Submit Course Approval

Data Language:	English

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Effective Date:	01/07/2013	Status:	Active	·	
Description:	Basic Con in Stat & Pro	ob II			
Learning Outcome	•				
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*What are the stude	ents expected to know and l	be able to do after ta	king this course?		
Upon completion of (1) acquire enough and financial cours (2) apply statistical (2) apply by the statistical	of the course, students shou mathematical knowledge to ses; testing to elementary pract	ld be able to o solve typical proba ical problems coming	bilistic and statistical probl	ems arisen in intermediate s sciences;	statistics
(3) apply neuristics	to identify proper use and i		Add Attachment	View	
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Catalog Data | Course Outcomes | Offerings | Components | Submit Course Approval

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Effective Date:	01/07/2013	Status:	Active
Description:	Basic Con in	Stat & Prob II	
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Course Offering Nbr:	1	Catalog Nb	or: 2006 STAT
Academic Institution:	CUHK1	СИНК	
Academic Group:	STA	Dept of Statistics	Course Approved: Approved
Subject Area:	STAT	Statistics	Allow Course to be Scheduled 🗹
Campus:	MAIN	Main Campus	
Academic Organization:	STA	Dept of Statistics	✓ Catalog Print
Academic Career:	UG	Undergraduate	✓ Print Instructor in Schedule
Course Typically Offered			Schedule Print
Tuition Group:			Schedule Term Roll
Dynamic Class Date Rule:			Use Blind Grading
	Allow OEE Er	nrollment	Split Ownership
Enrollment Requirement (Group		
Requirement Group:	003374	STAT2006	Detail
Long Description:	Prerequisite:STA	T2001 or consent of instructor	
Taxonomy			
CIP Code:			

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Effective Date:	01/07/2013	Status:	Active		🔳 1 of 1 🕨	-
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Course Component				Find View	All First	1 of 2 🕨 Last
Course Component:	Lecture		Auto Create			
Instructor Contact Hours:	3.000		Graded Componen	t		
Default Section Size:	200		Primary Componer	nt		
Workload Hours:			Optional Compone	nt		
OEE Workload Hours:			Generate Class Mtg	g Attendance)	
Final Exam:	Yes					
Exam Seat Spacing:	1		Add Fee			
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LMS Extract File Type:						
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New Course	Course Revision		
For Course Revision, plea	ase select the revised items below:		
Catalog Data	✓ Other Information	Offerings	Components
New Enrollment Require	ement(s)		
f the enrollment requirement requirement re	ents cannot be fulfilled by existing Enrollm equirements in the text boxes below.	ent Requirement Group in th	ne "Offering" page, please specify the
Pre-requisite(s):			
Co-requisite(s):			~
Course Exclusion(s):			
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Other Requirement(s):			
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Save	Return to Search	Notify	Add	Update/Display	Include History	Correct History
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CUSIS Sample Course Outline

CU_CURR501 Page 1 of 2

THE CHINESE UNIVERSITY OF HONG KONG Print Course Catalog Details

September 25, 2014 15:16:06 PM

Academic Org: Dept of Statistics - Subject: Statistics

Course: STAT2006	Course ID: 007676	Eff Date: 2013-07-01	Crse Status: Active	Apprv. Status: Approved	Course Rev
Basic Concepts in Statistics and F	robability II 統計及概率基本概	念(二)			

This course covers basic theories in estimation and testing. Topics include point estimation, interval estimation, unbiasedness, maximum likelihood estimation, hypothesis testing and likelihood ratio test.

本科介紹估計及檢驗的基本理論。內容包括點估計、區間估計、無偏性、最大似然估計、假設檢驗及似然比檢驗。

Equivalent Offering:

Units:	3 (Min) / 3 (Max) / 3 (Acad Progress)
Grading Basis:	Graded
Repeat for Credit:	Ν
Multiple Enroll:	Ν
Course Attributes:	

Topics:

	COURSE OUTCOMES
Learning Outcomes:	 Upon completion of the course, students should be able to (1) acquire enough mathematical knowledge to solve typical probabilistic and statistical problems arisen in intermediate statistics and financial courses; (2) apply statistical testing to elementary practical problems coming from physical and social sciences; (3) apply heuristics to identify proper use and misuse of statistics in our daily lives.
Course Syllabus:	 a.Point estimation. Confidence intervals for means, difference of two means, variances, proportions. Simple regression problem. b.Hypothesis testing about proportions, one mean, equality of two means and of variances. Elementary notion of Analysis of Variance (if time is allowed). c.Elementary notion of sufficient statistics, best critical regions, likelihood ratio test. Maximum likelihood estimators and their asymptotic properties. d.Elementary nonparametric methods, e.g. Chi-square goodness-of-fit tests, contingency tables.
Assessment Type:	
Feedback for Evaluation:	Comments and feedback can be made via the following channels: 1.Mid-term course evaluation and Term-end course evaluation. 2.Student-staff consultative committee meeting(s).
Required Readings:	Hogg, R. V. and Tanis, E. A. (2010) Probability and Statistical Inference, 8th edition, Prentice Hall.
Recommended Readings:	Hogg, McKean and Craig (2005) Introduction to Mathematical Statistics, 6th edition, Prentice Hall.
	OFFERINGS
1. STAT2006	Acad Organization=STA; Acad Career=UG

COMPONENTS

LEC : Size=200; Final Exam=Y; Contact=3 TUT : Size=200; Final Exam=Y; Contact=1

ENROLMENT REQUIREMENTS

1. STAT2006

Enrollment Requirement Group: Prerequisite:STAT2001 or consent of instructor

New Enrollment Requirement(s): Pre-requisite = No change

< END OF REPORT>