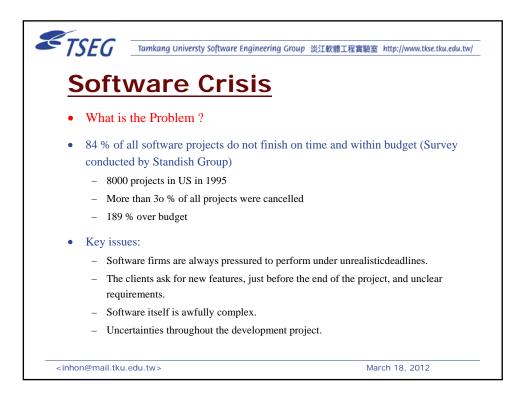


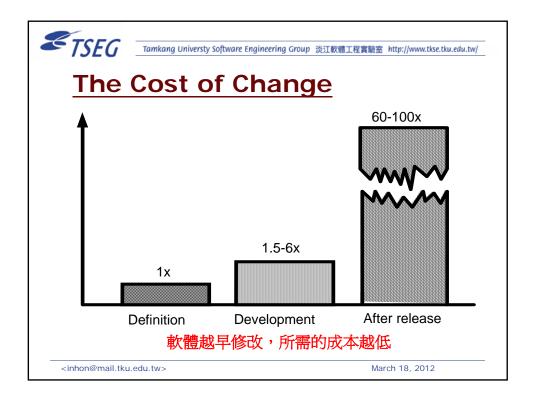


取低珍赤	學分數:23學分		
科目表			
基礎	高等程式語言(資訊系開)	3 學分	二選一
必修	商用程式設計(資管系開)	4 學分	
	資料結構與處理/演算法(資訊系開)	6學分	二選一
	程式設計與資料結構(資管系開)	6學分	
	網路槪論(資訊系開)	3 學分	二選一
	網路與通訊(資管系開)	2 學分	
專業 必選	軟體工程導論(資訊系開)	3 學分	心選
	系統分析與設計(資管系開)	4 學分	心選
進	資訊管理導論(資管系開)	4 學分	
階	物件導向技術(資管系開)	4 學分	
専	軟體可靠度與檢測(資管系開)	2 學分	
業	資訊系統之價値分析(資管系開)	2 學分	
選	軟體代理人(資管系開)	2 學分	
修	物件導向軟體工程(資訊系開)	3 學分	
	網際服務軟體工程(資訊系開)	3 學分	
	元件式軟體發展技術(資訊系開)	3 學分	
	個人軟體程序(資訊系開)	3 學分	
	UML 統一塑模語言(資訊系開)	3 學分	
	軟體測試與品質(資訊系開)	2 學分	最高承認3學分
	軟體品質保證(資訊系開)	2 學分	最高承認3學分
	資訊安全導論(資管/資工系開)	2 學分	最高承認3學分
	軟體型態管理(資訊/資管開)	2 學分	最高承認3學分
	軟體專案管理(資訊/資管開)	2 學分	最高承認3學分
	網路安全技術(資管系開)	2 學分	二選一
	網路安全(資訊系開)	3 學分	

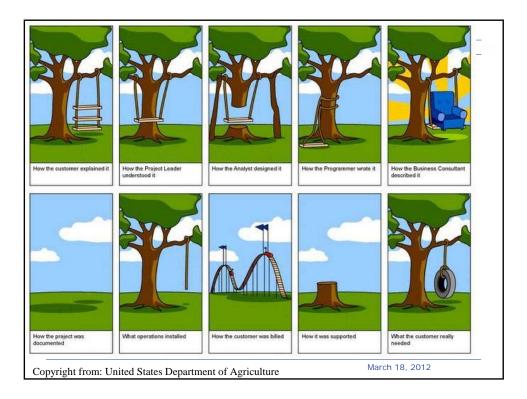


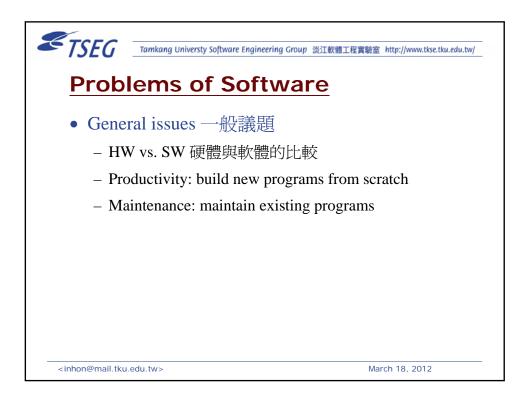




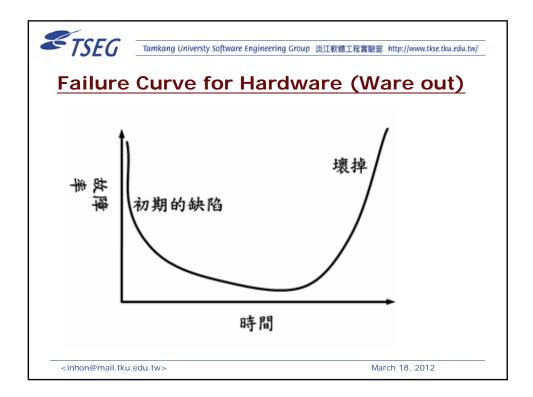


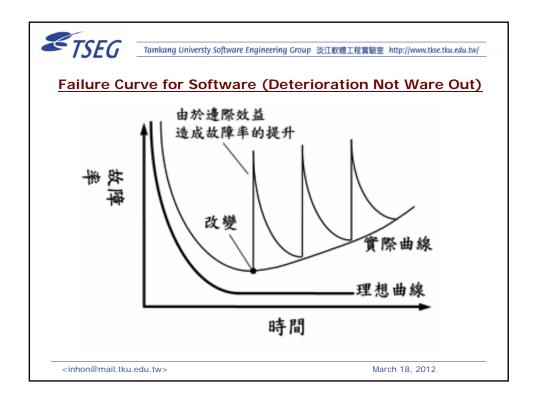


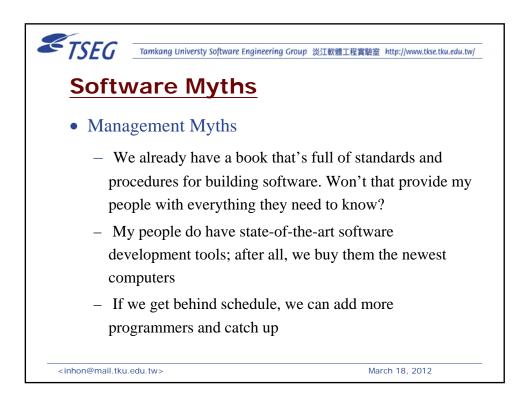


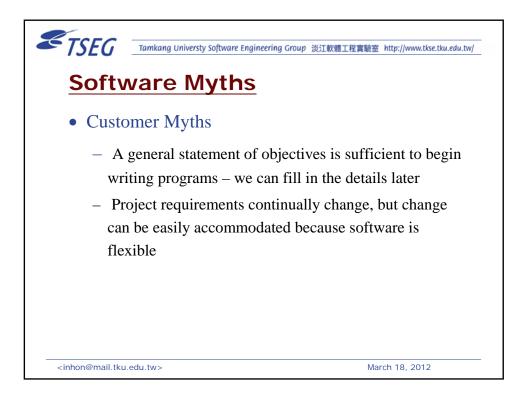


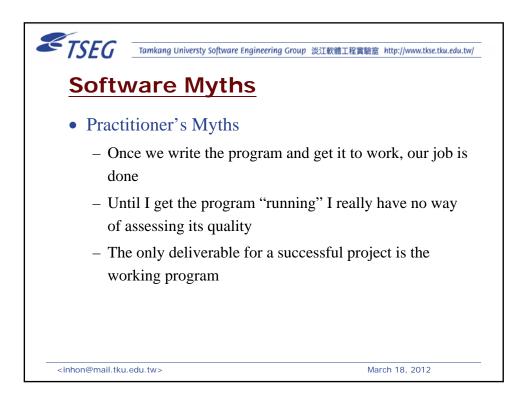
EXAMPLE 1 Tamkang University Software Engine Characteristics of	ering Group 淡江軟體工程實驗室 http://www.tkse.tku.edu.tw/	
Software	Hardware	
logical system element	physical system element	
developed/engineered	Manufactured	
Not ware out but deteriorate -no spare parts	ware out -yes, with spare parts	
Usually custom-built	assembled from existing Component	
<inhon@mail.tku.edu.tw></inhon@mail.tku.edu.tw>	March 18, 2012	

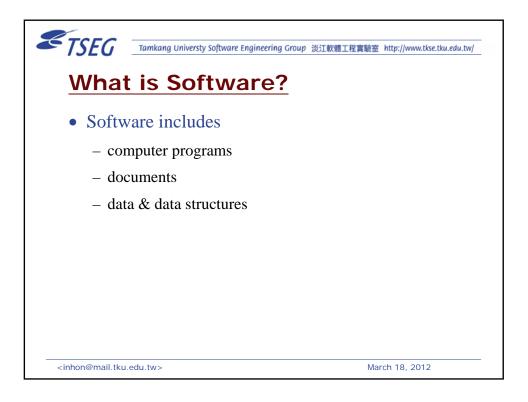


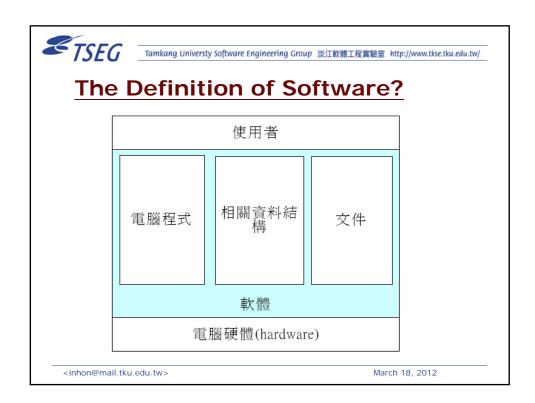


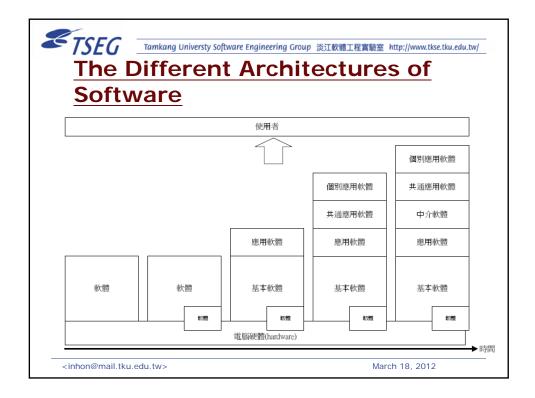






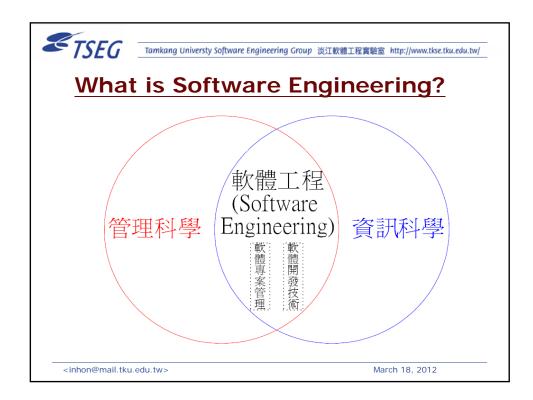


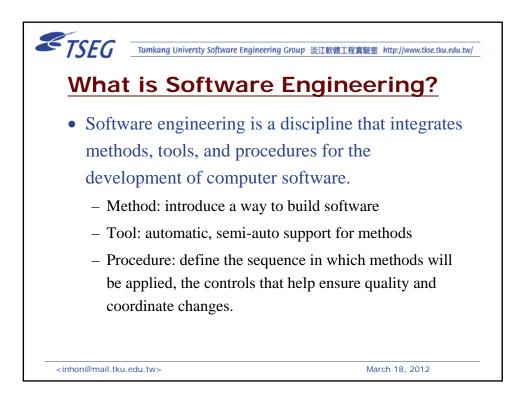


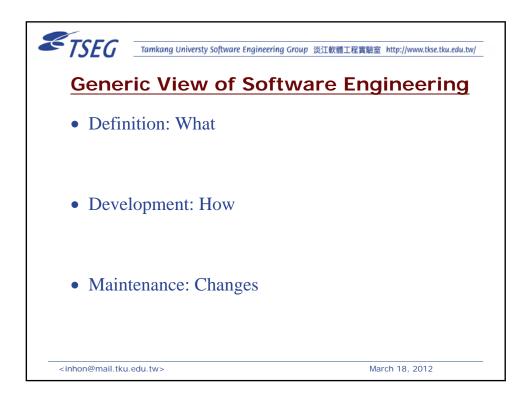


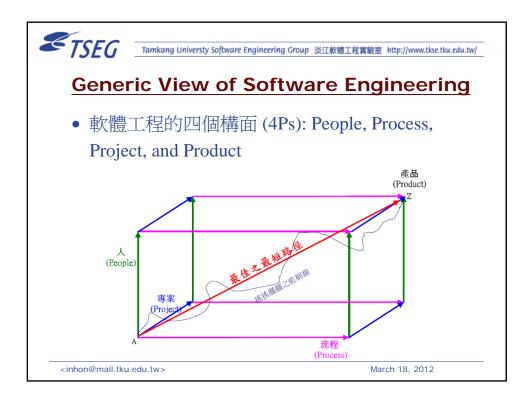


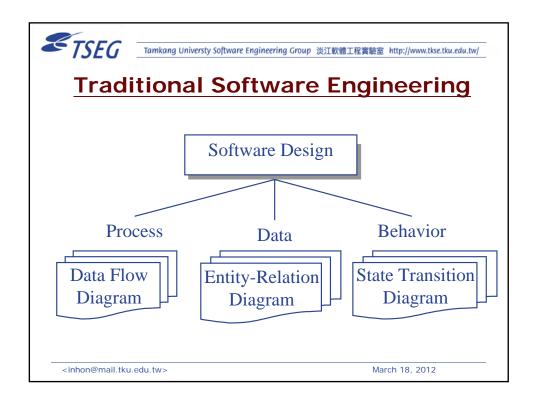


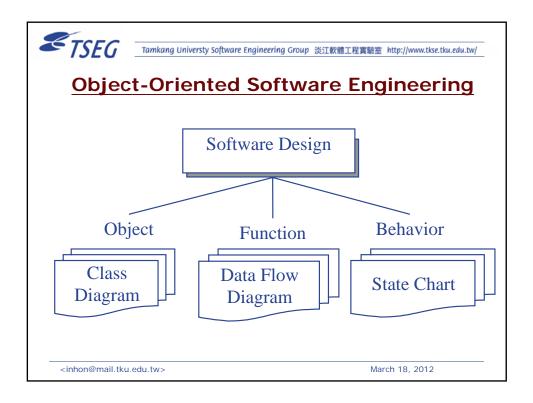




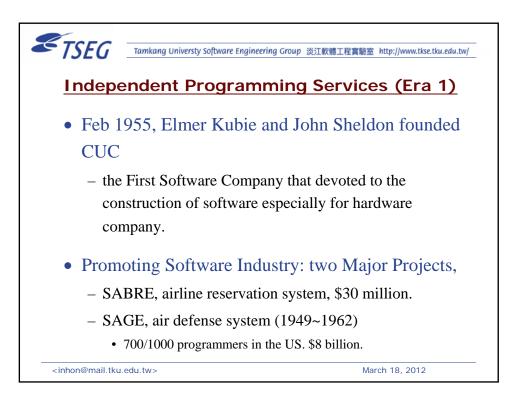


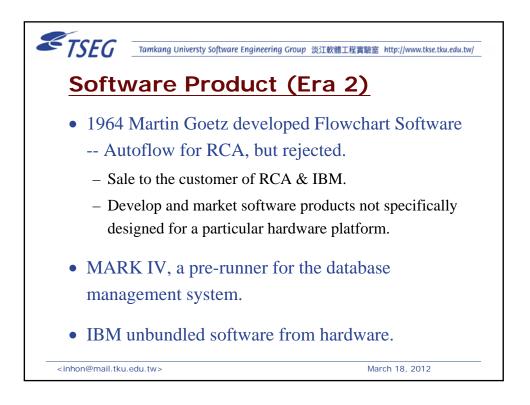




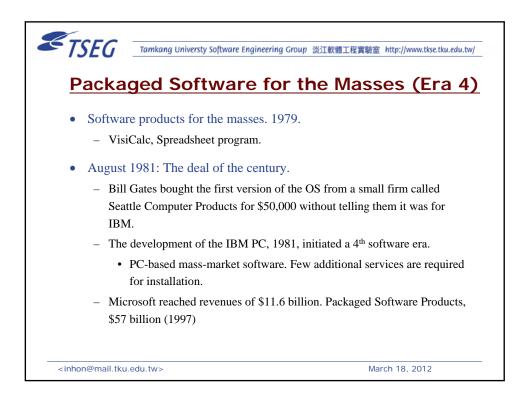


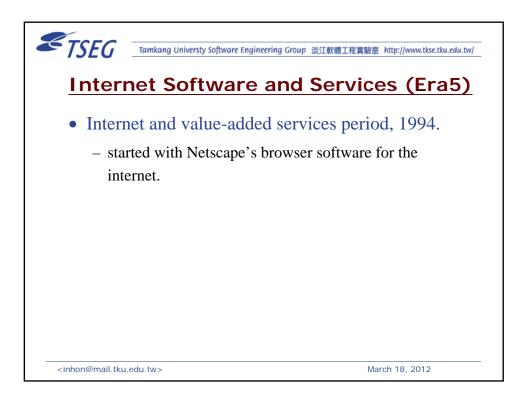


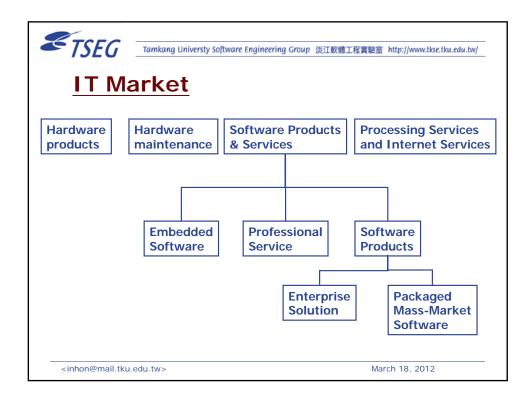






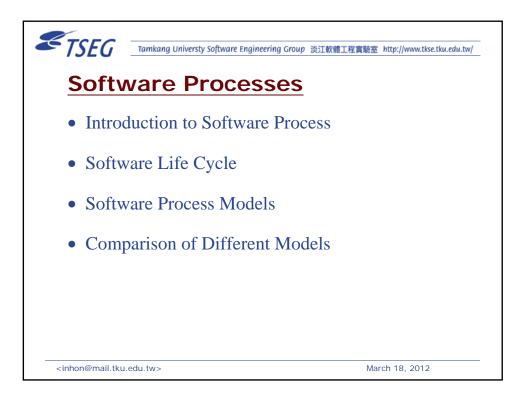




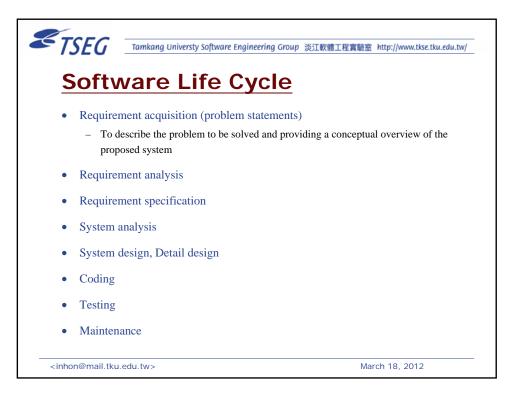


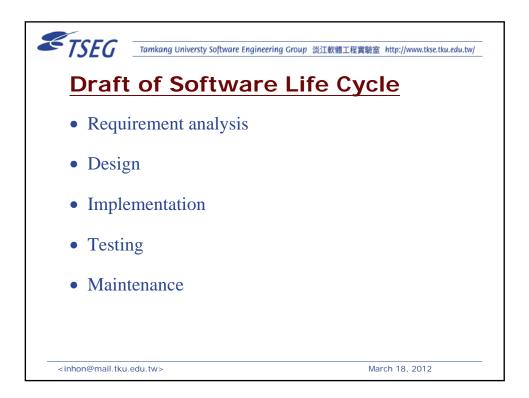
で下SEG Tamkang Universty Software Engineering Group 淡江軟體工程實驗室 http://www.tkse.tku.edu.tw/ Software Products and Services					
Professional Software	Enterprise	Packaged Mass-Market			
Services	Solutions	Software			
Anderson Consulting	IBM	Microsoft			
IBM	Oracle	IBM			
EDS	Computer Associates	Computer Associates			
CSC	SAP	Adobe			
Science Applications	HP	Novell			
Cap Gemini	Fujitsu	Symantec			
Hp	Hitachi	Intuit			
DEC	Parametric Technology	Autodesk			
Fujitsu	People Soft	Apple			
BSO Origin	Siemens	The Learning Company			
<inhon@mail.tku.edu.tw></inhon@mail.tku.edu.tw>		March 18, 2012			

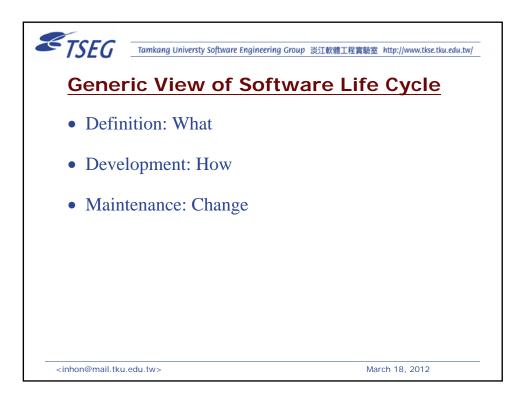


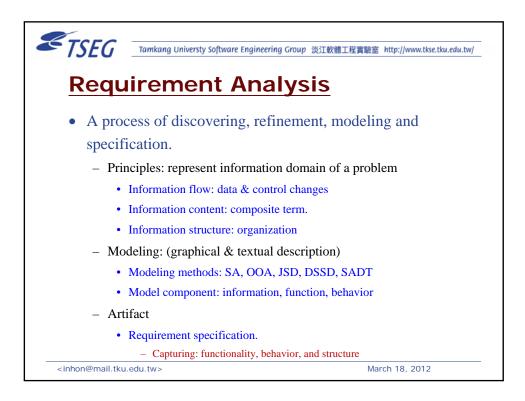






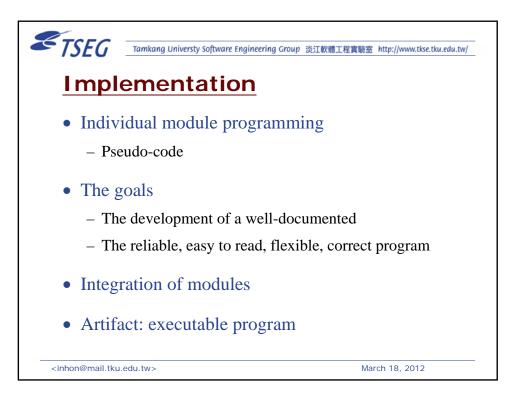




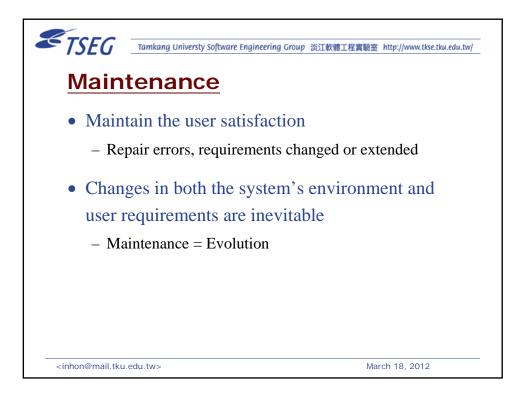


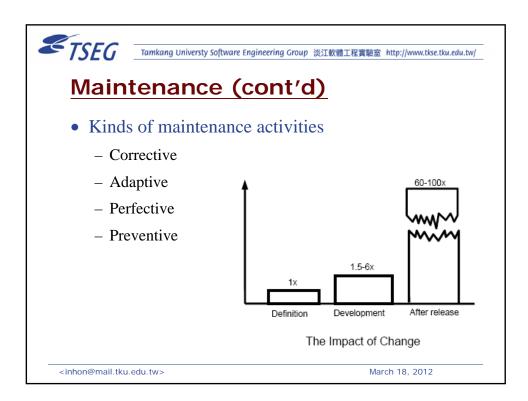


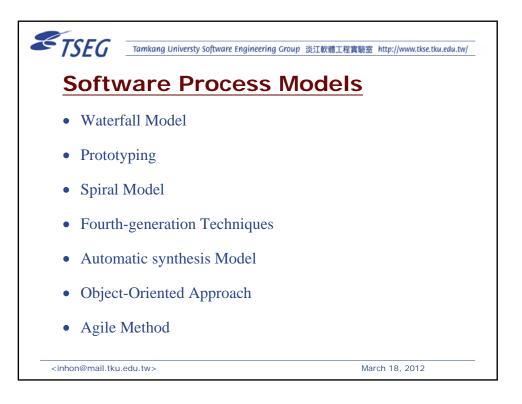


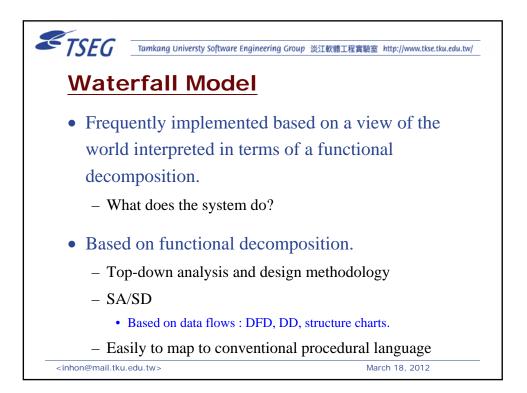


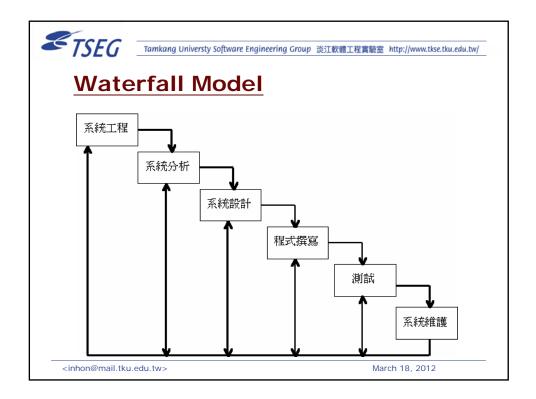


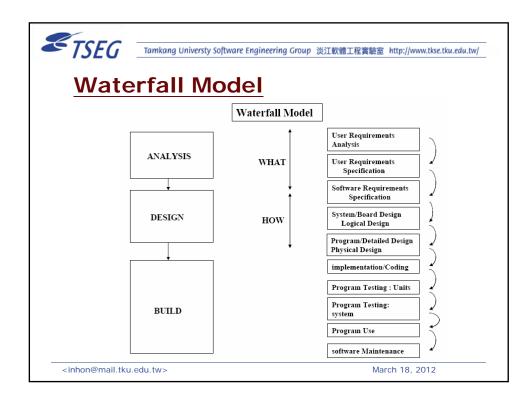


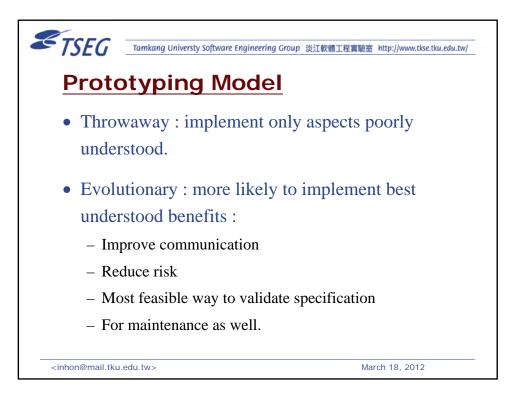


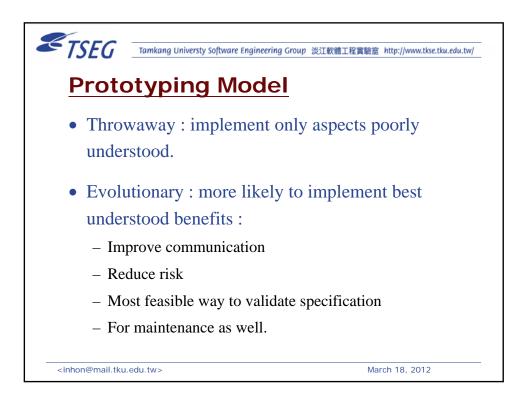


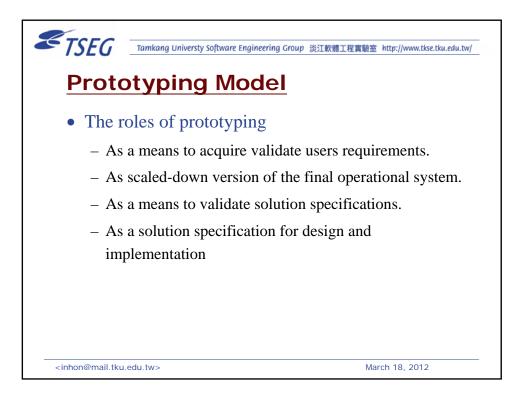


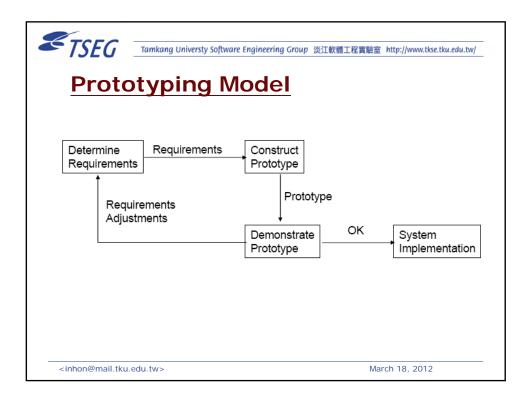




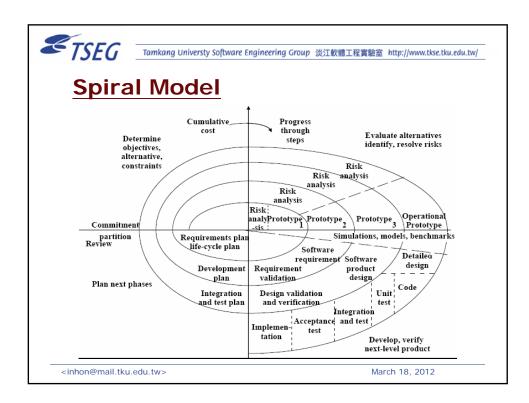


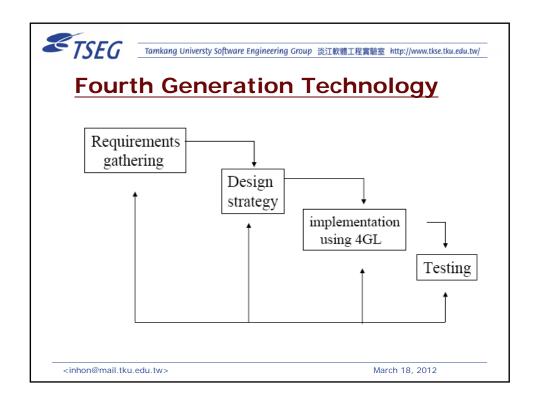


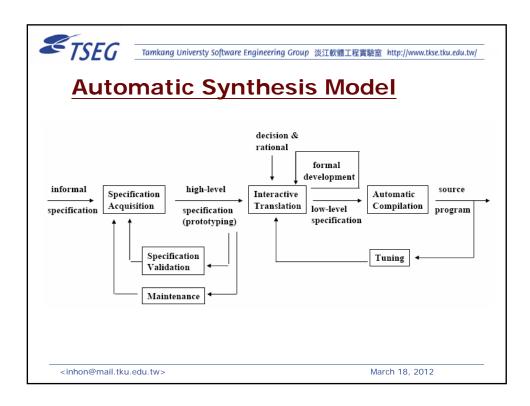


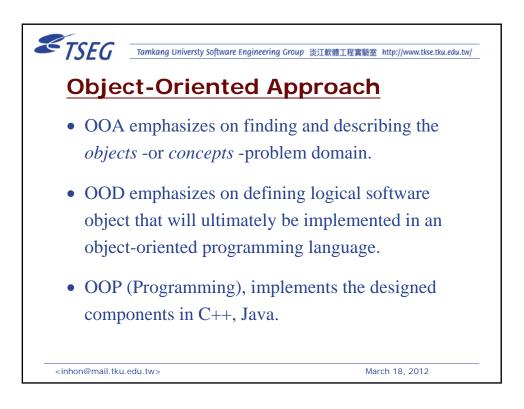


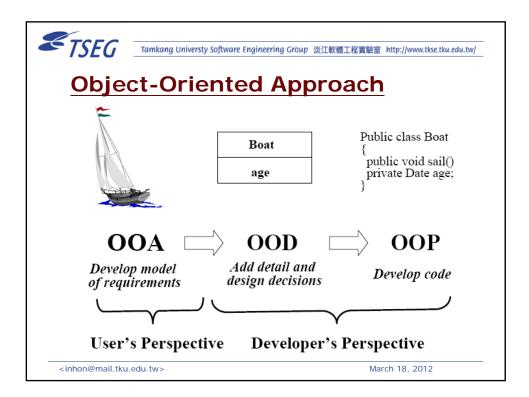


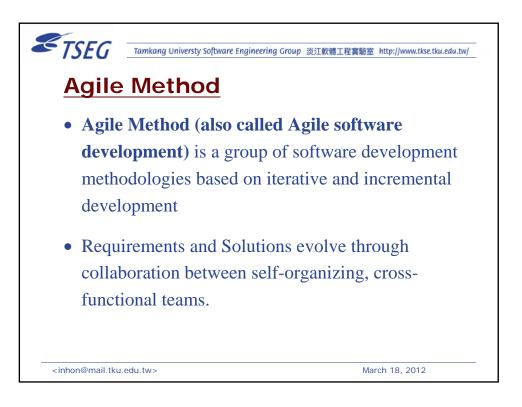


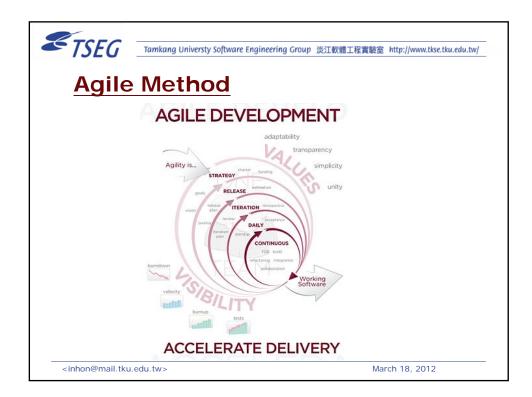








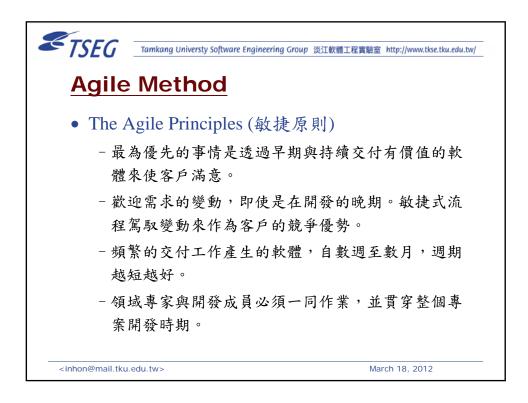




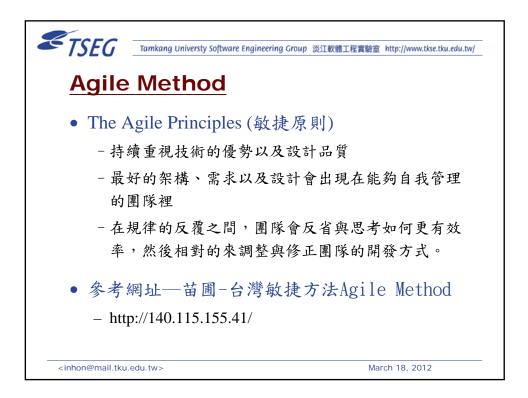


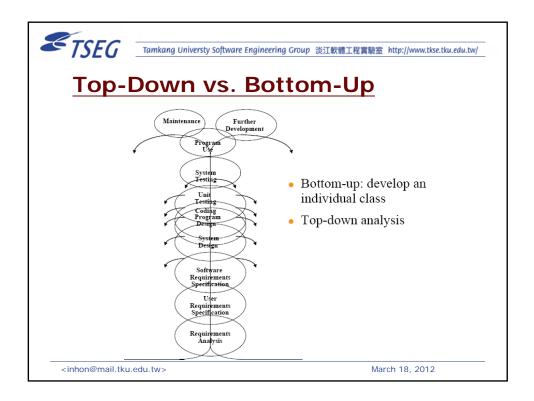


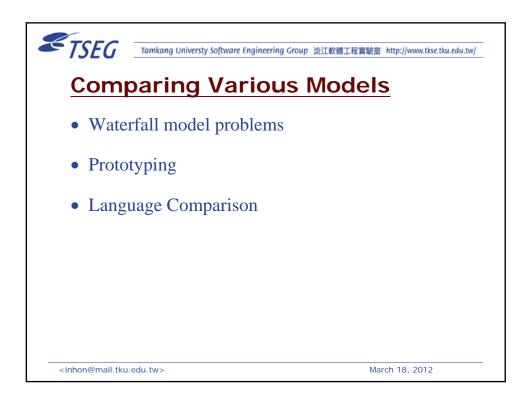


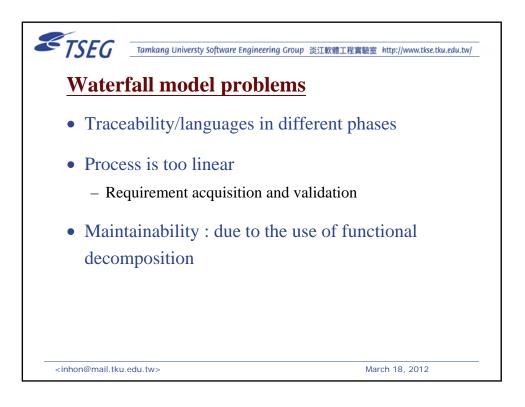


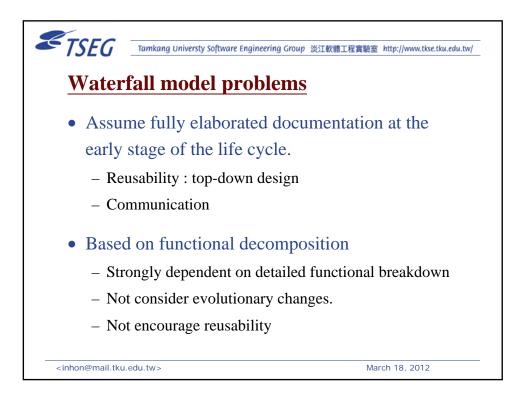




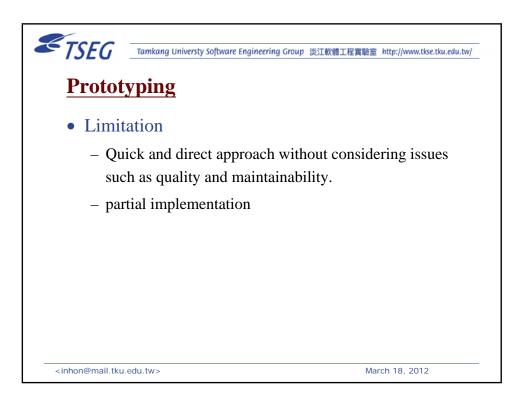


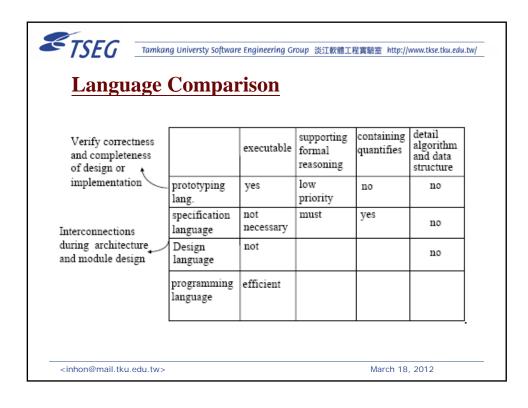


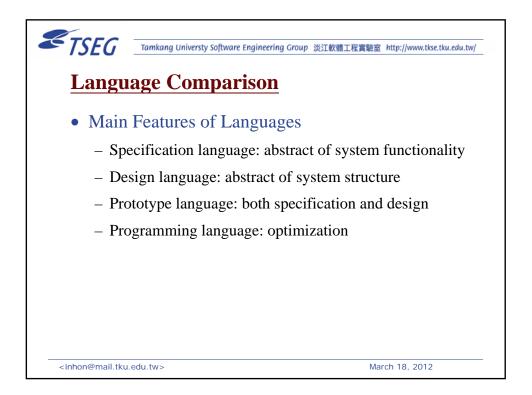


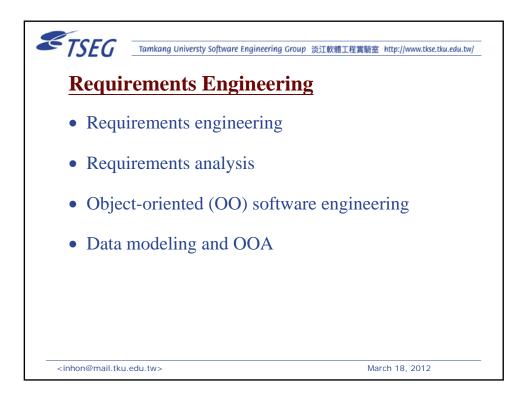










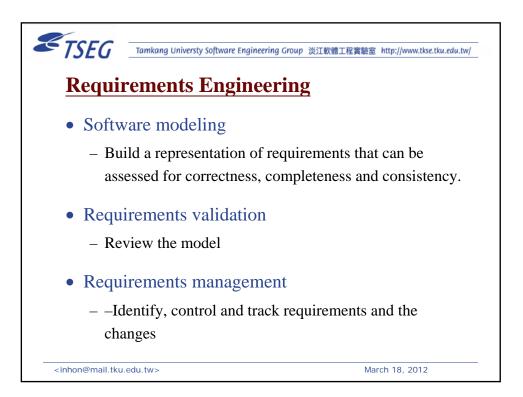


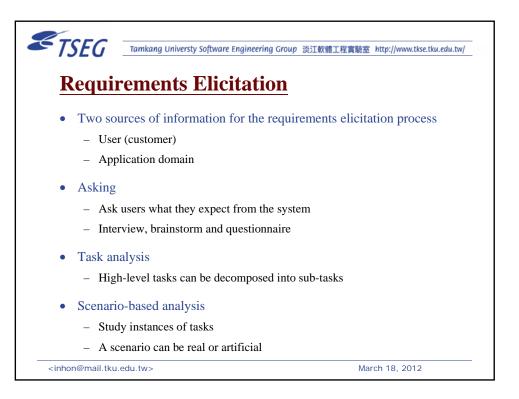


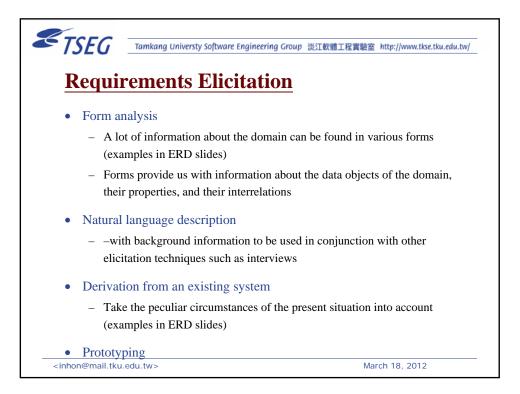


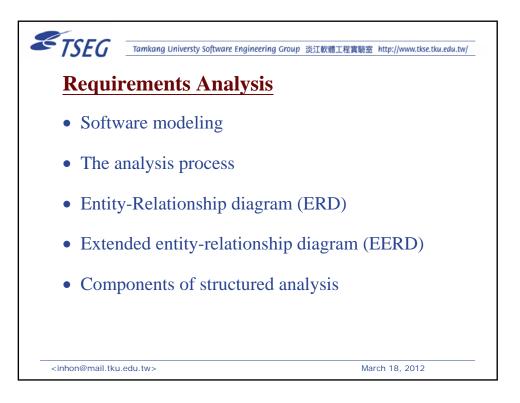




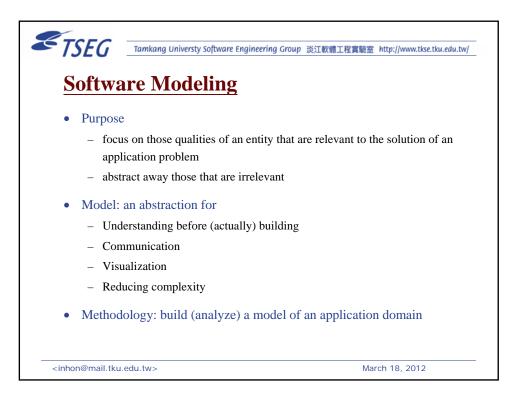




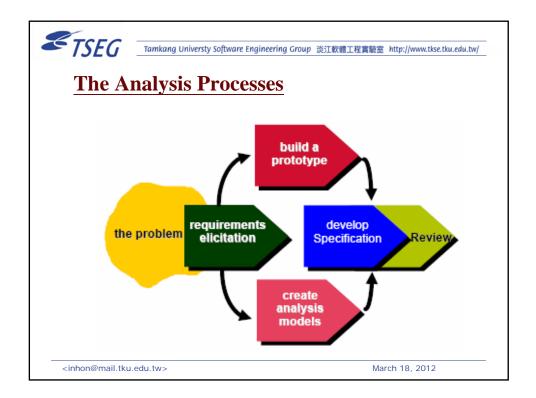


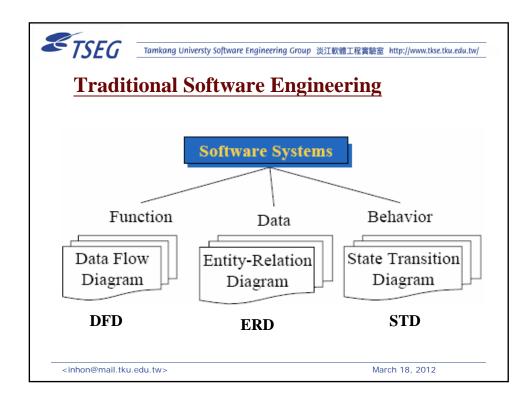


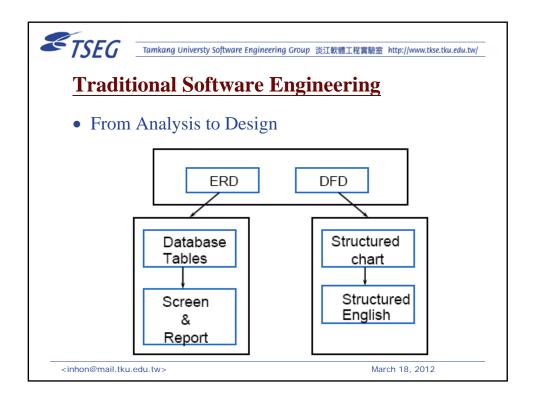


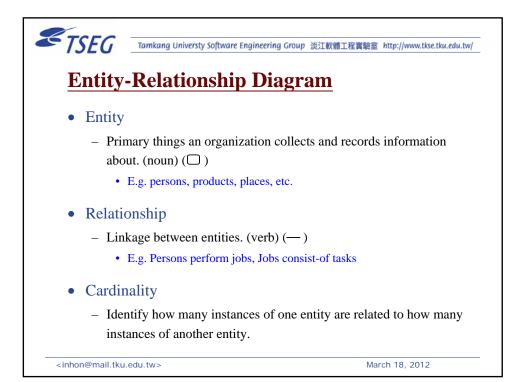


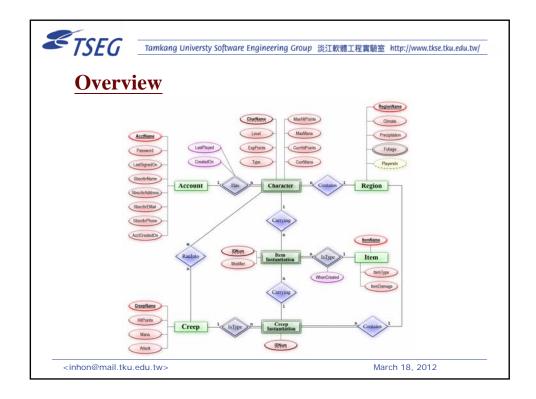


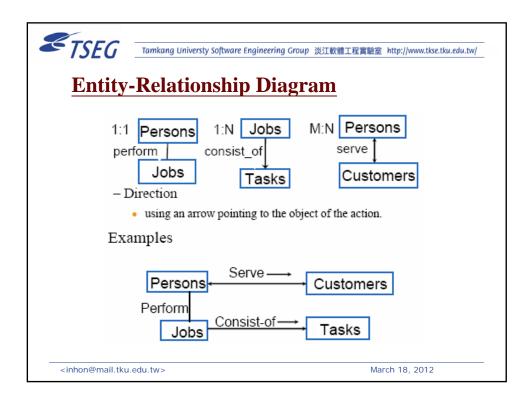


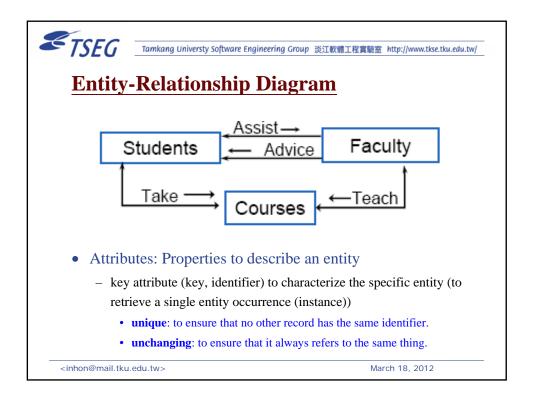


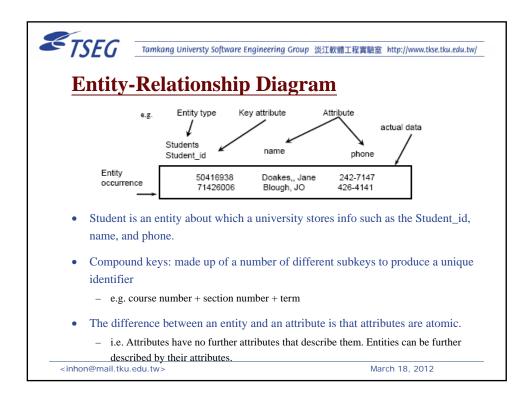


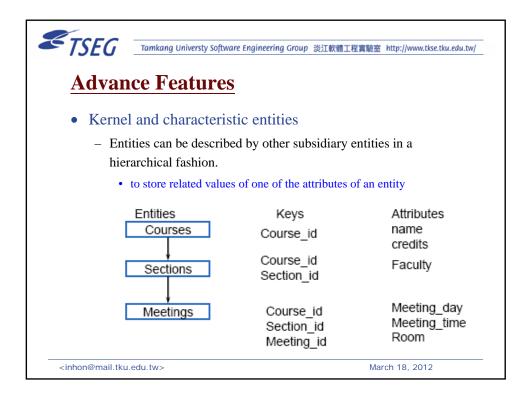


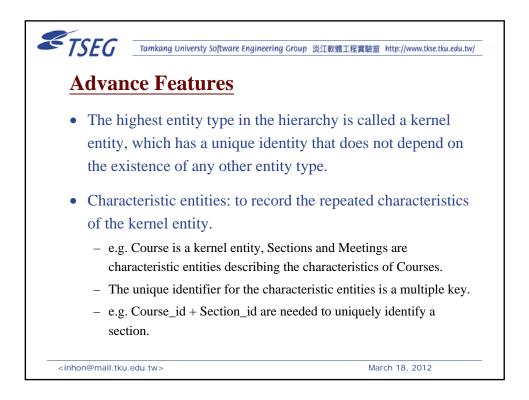


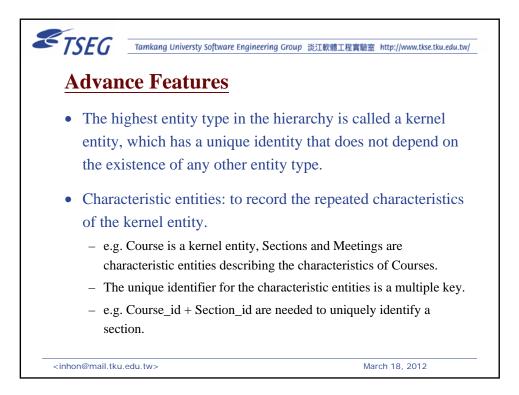


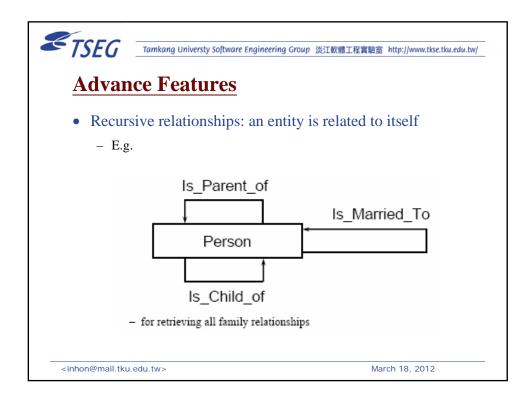


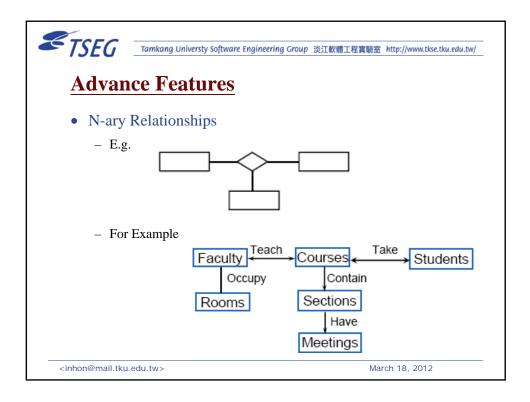


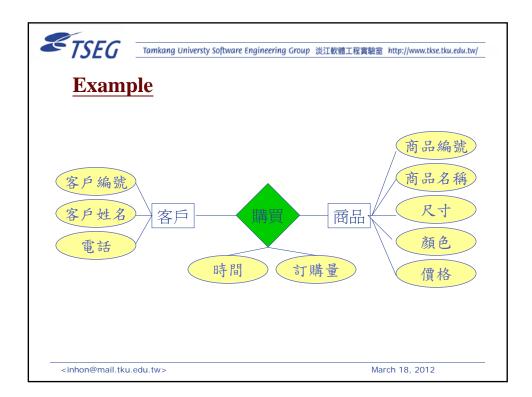


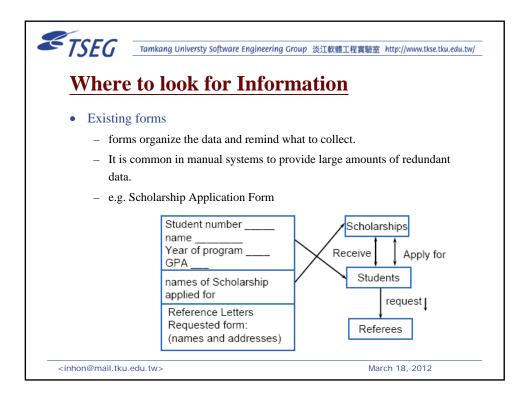


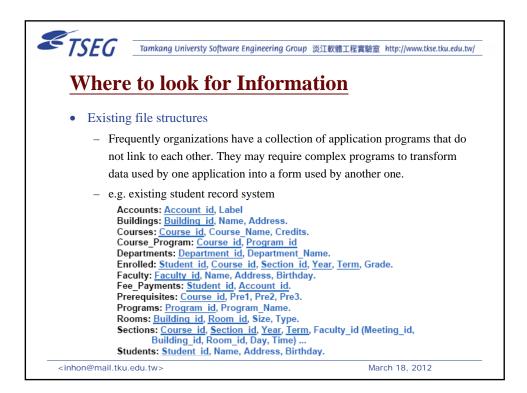


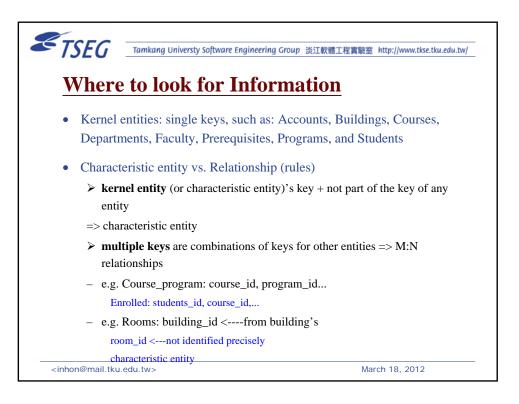


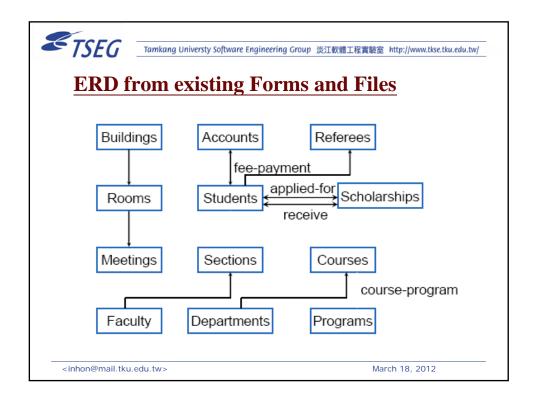


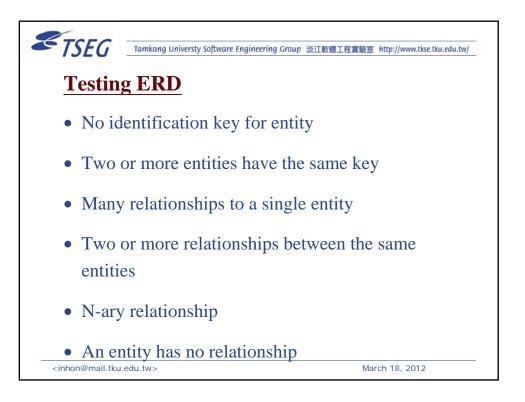


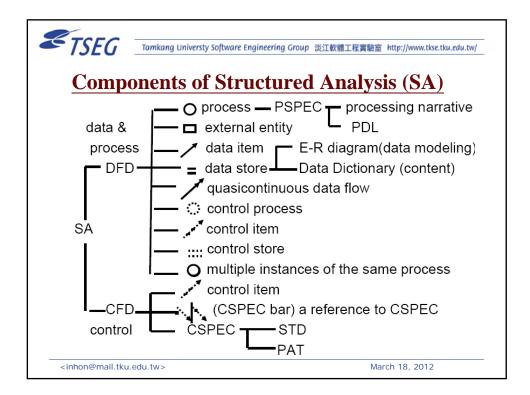


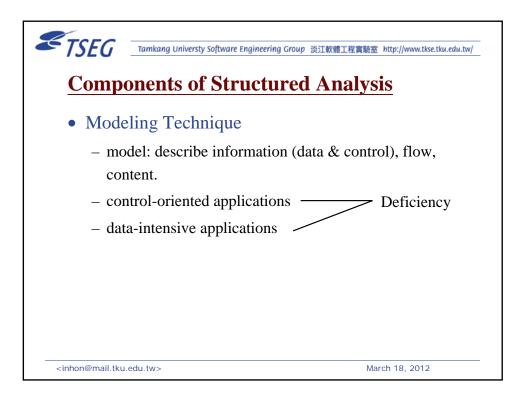


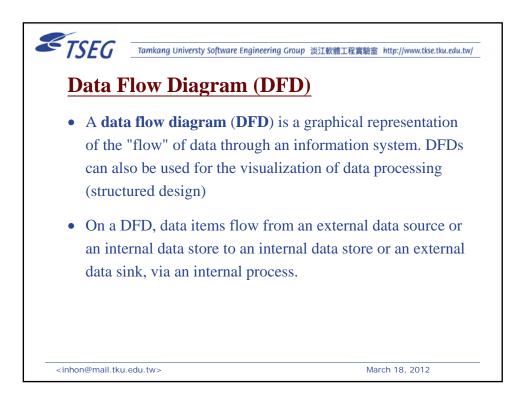


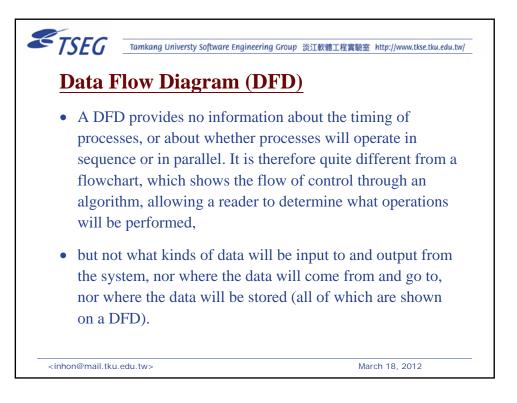


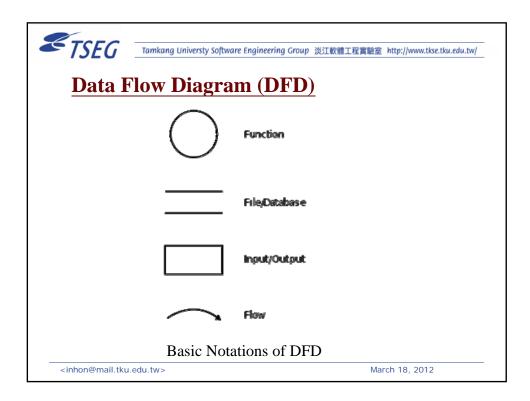


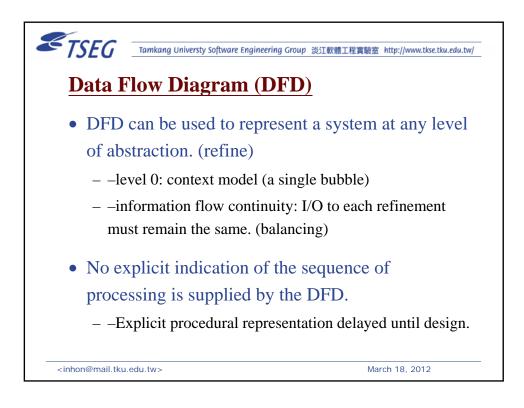


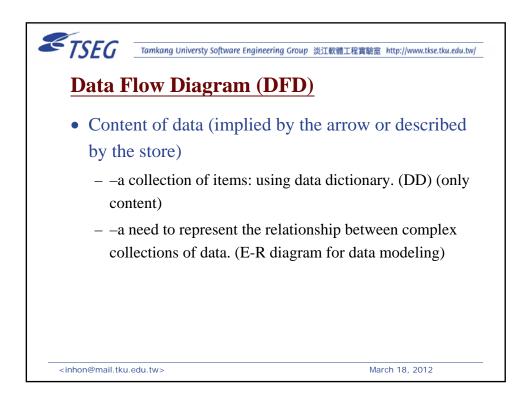


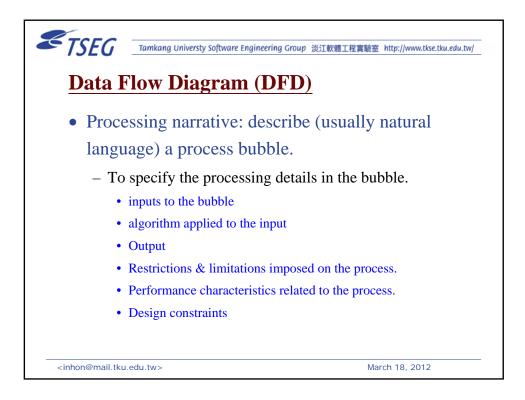


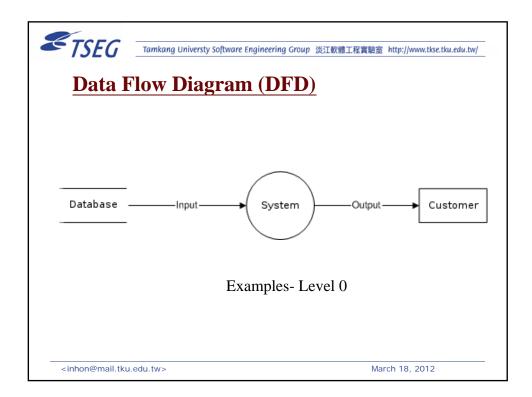


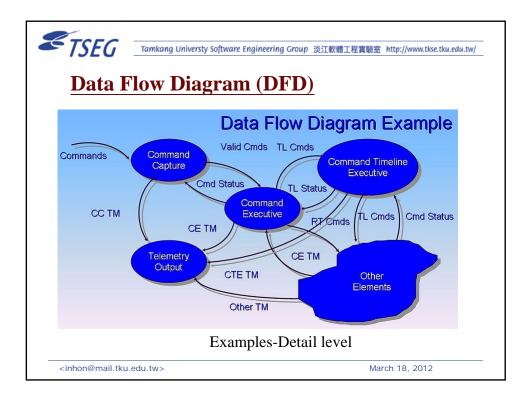


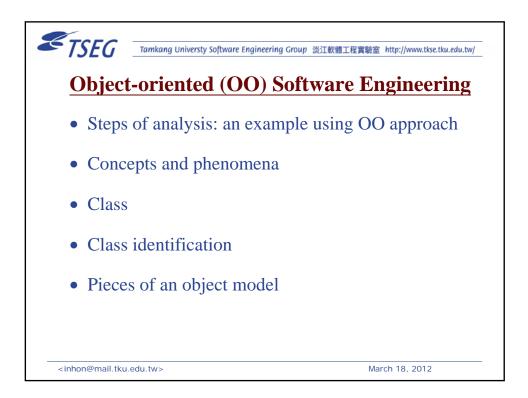


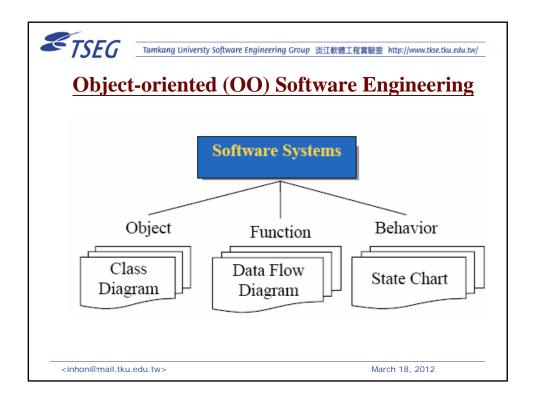


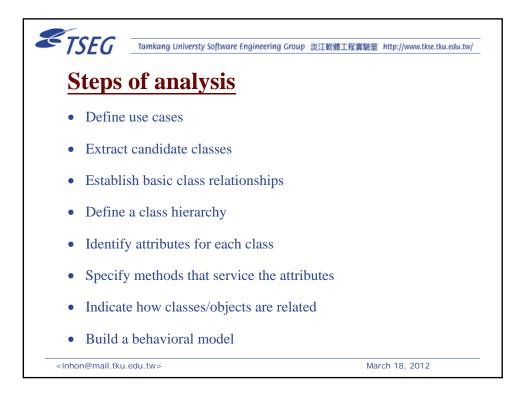


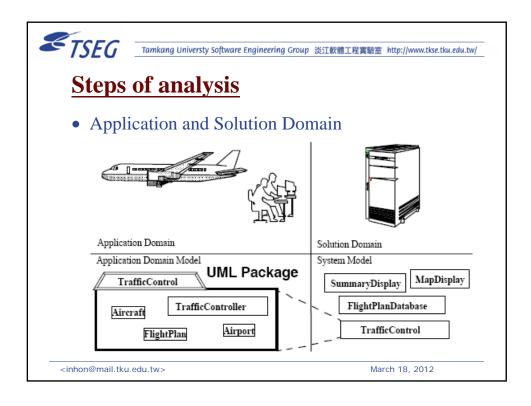


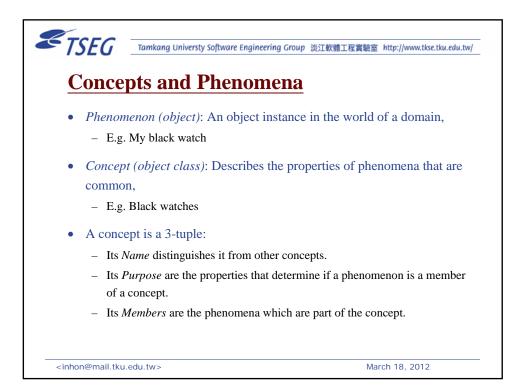


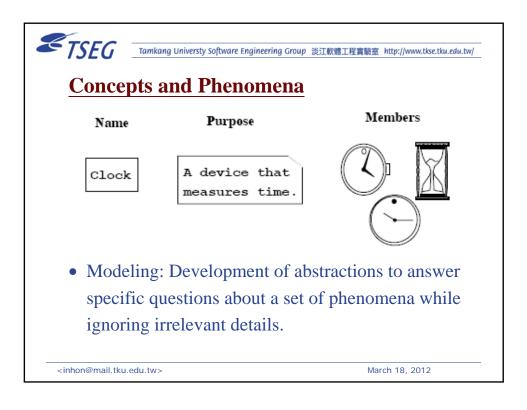


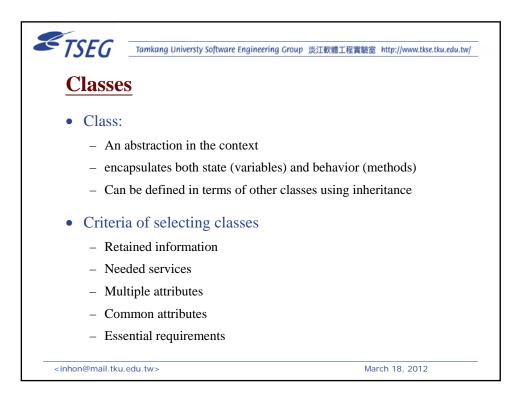


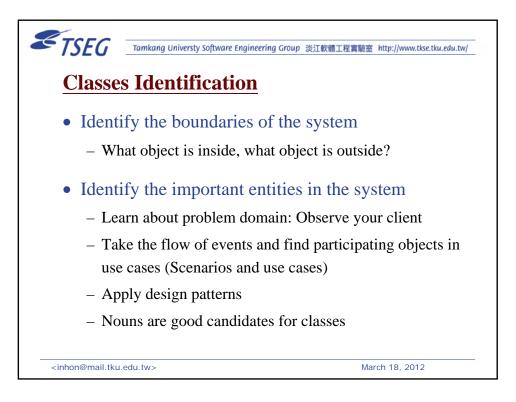


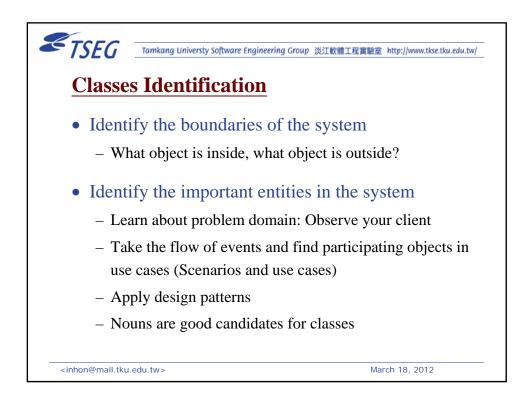


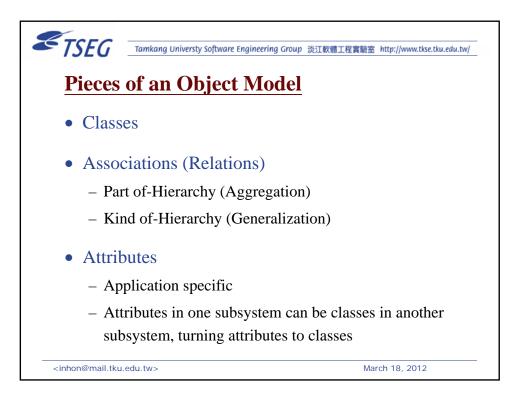


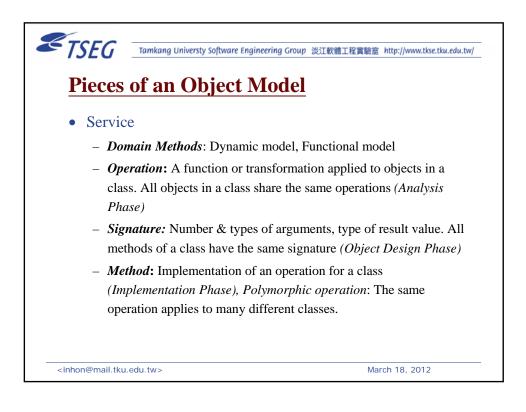


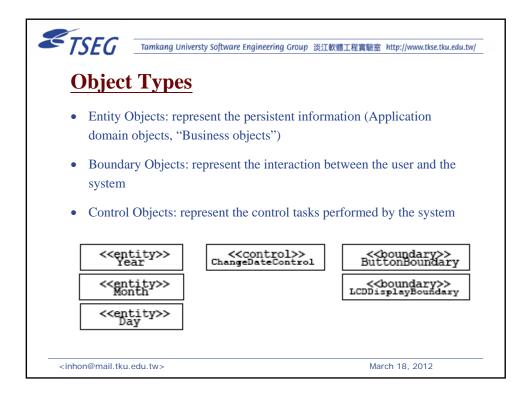


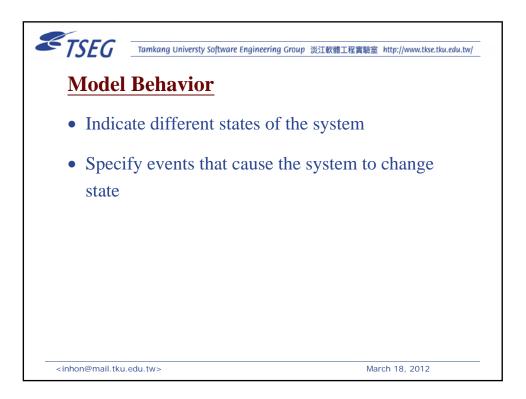


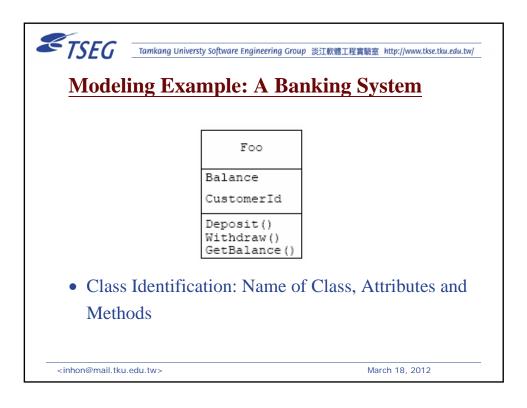


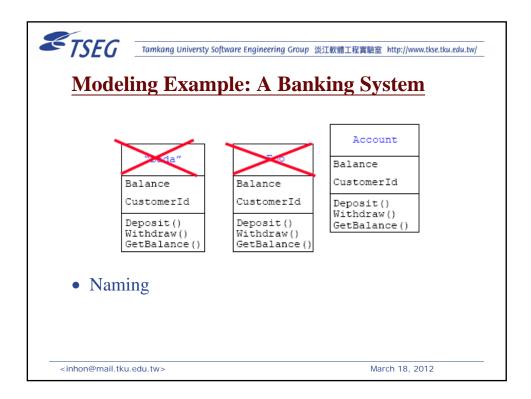


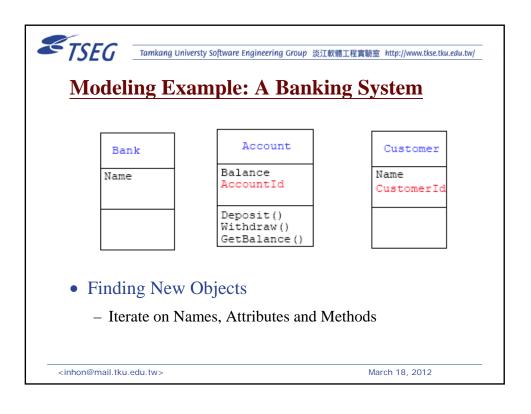


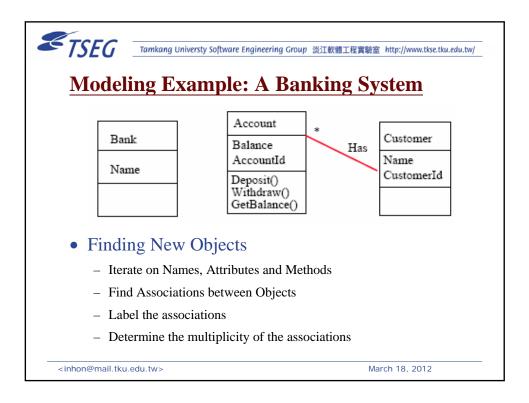


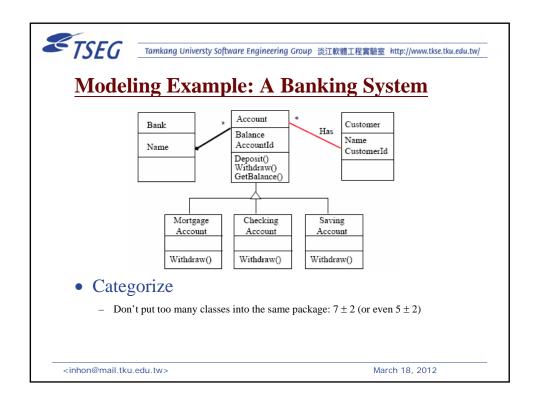




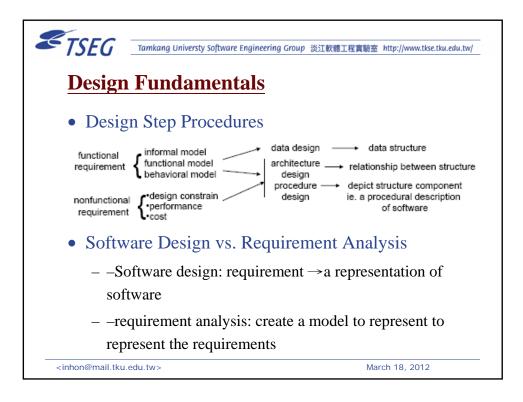


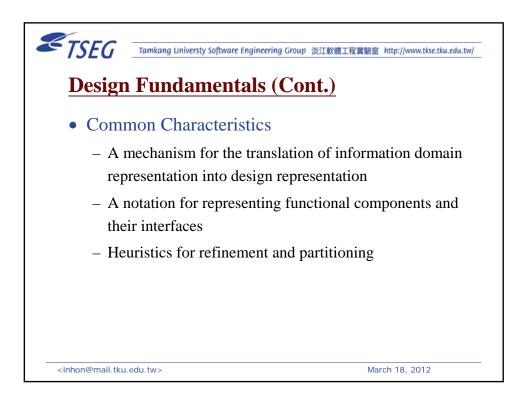












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Design Fundamentals (Cont.)	
• Fundamental Concepts	
– Abstraction	
Level of abstraction Highest level	Language used Program-oriented terminology
Low level	Procedural-oriented terminology
Lowest level	Implementation-oriented terminology
 Procedural abstraction 	
• a named sequence of i	instruction that has a specific function
 Data abstraction 	
• a named collection of	data-that describes a data object
• can refer all the data b	by stating the name of the data abstraction
Ŭ	ata type is used as a template or generic data structure tructure can be instructed.
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