สวทช NSTDA

Day	Morning (09.00-12.00)	Afternoon (13.00-16.00)
1	**1-1 Corporate activities:** 1-1-1 Management and organization 1-1-2 OR (Operations Research) and IE (Industrial Engineering) 1-1-3 Accounting and financial affairs **1-2 Legal affairs:** 1-2-1 Intellectual property rights 1-2-2 Laws on security 1-2-3 Laws on labor and transaction 1-2-4 Other legislation, guidelines, and engineer ethics 1-2-5 Standardization **2-1 Business strategy management:** 2-1-1 Business strategy techniques 2-1-2 Marketing 2-1-3 Business strategy and goal/evaluation 2-1-4 Business management systems ดร.ศศิพร อุษณวศิน	**2-2 Technological strategy management:** 2-2-1 Technological strategy planning and technology development planning **2-3 Business industry:** 2-3-1 Business system 2-3-2 Engineering system 2-3-3 E-business 2-3-4 Consumer appliances and industrial devices **3-1 System strategy:** 3-1-1 Concept of information systems strategy 3-1-2 Concept of business process 3-1-3 Solution business **3-2 System planning:** 3-2-1 Computerization planning 3-2-2 Requirements definition 3-2-3 Procurement planning and implementation ดร.ศศิพร อุษณวศิน
2	**4-1 System development technology:** 4-1-1 Process of system development 4-1-2 Software estimation **4-2 Software development management techniques:** 4-2-1 Software development process and methods **5-1 Project management:** 5-1-1 Project management 5-1-2 Project scope management อ.ณัฏฐ์ โอธนาทรัพย์	**6-1 Service management:** 6-1-1 Service management 6-1-2 Service support 6-1-3 Service delivery 6-1-4 Facility management **6-2 System audit:** 6-2-1 System audit 6-2-2 Internal control **8-3 Software:** 8-3-1 OS (Operating System) 8-3-2 File management 8-3-3 Development tools 8-3-4 OSS (Open Source Software) **8-4 Hardware:** 8-4-1 Hardware อ.ณัฏฐ์ โอธนาทรัพย์
3	**7-1 Basic theory:** 7-1-1 Discrete mathematics 7-1-2 Applied mathematics 7-1-3 Theory of information **7-2 Algorithms and programming:** 7-2-1 Data structures 7-2-2 Algorithms 7-2-3 Programming and programming languages 7-2-4 Markup languages **8-1 Computer component:** 8-1-1 Processor 8-1-2 Storage device 8-1-3 Input/ Output devices **8-2 System component:** 8-2-1 System confi guration 8-2-2 System evaluation indexes **9-2 Multimedia:** 9-2-1 Multimedia technology 9-2-2 Multimedia application อ.สุรศักดิ์ ศรีสวรรค์	**9-1 Human interface:** 9-1-1 Human interface technology 9-1-2 Interface design **9-3 Database:** 9-3-1 Database architecture 9-3-2 Database design 9-3-3 Data manipulation 9-3-4 Transaction processing **9-4 Network:** 9-4-1 Network architecture 9-4-2 Communications protocols 9-4-3 Network application **9-5 Security:** 9-5-1 Information assets and information security 9-5-2 Information security management 9-5-3 Information security measures/information security implementation technology อ.สุรศักดิ์ ศรีสวรรค์