

Tutorial: Information Technology Passport Examination (IP)#4, 1-3 October 2014

Day	Morning	Afternoon
1 Oct	<p>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</p> <p>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</p> <p>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</p>	<p>2-2 Technological strategy management: 2-2-1 Technological strategy planning and technology development planning</p> <p>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</p> <p>3-1 System strategy: 3-1-1 Concept of information systems strategy 3-1-2 Concept of business process 3-1-3 Solution business</p> <p>3-2 System planning: 3-2-1 Computerization planning 3-2-2 Requirements definition 3-2-3 Procurement planning and implementation</p>
2 Oct	<p>4-1 System development technology: 4-1-1 Process of system development 4-1-2 Software estimation</p> <p>4-2 Software development management techniques: 4-2-1 Software development process and methods</p> <p>5-1 Project management: 5-1-1 Project management 5-1-2 Project scope management</p>	<p>6-1 Service management: 6-1-1 Service management 6-1-2 Service support 6-1-3 Service delivery 6-1-4 Facility management</p> <p>6-2 System audit: 6-2-1 System audit 6-2-2 Internal control</p> <p>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)</p> <p>8-4 Hardware: 8-4-1 Hardware</p>
3 Oct	<p>7-1 Basic theory: 7-1-1 Discrete mathematics 7-1-2 Applied mathematics 7-1-3 Theory of information</p> <p>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</p> <p>8-1 Computer component: 8-1-1 Processor 8-1-2 Storage device 8-1-3 Input/ Output devices</p> <p>8-2 System component: 8-2-1 System configuration 8-2-2 System evaluation indexes</p> <p>9-2 Multimedia: 9-2-1 Multimedia technology 9-2-2 Multimedia application</p>	<p>9-1 Human interface: 9-1-1 Human interface technology 9-1-2 Interface design</p> <p>9-3 Database: 9-3-1 Database architecture 9-3-2 Database design 9-3-3 Data manipulation 9-3-4 Transaction processing</p> <p>9-4 Network: 9-4-1 Network architecture 9-4-2 Communications protocols 9-4-3 Network application</p> <p>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</p>