

Title (Units): **COMP7530 IT Forum (1,1,0)**

Course Aims: To learn the current IT practices through seminars given by IT professionals, and/or presentations given by academic staff.

Prerequisite: Nil

Course Intended Learning Outcomes (CILOs):

Upon successful completion of this course, students should be able to:

| No. | Course Intended Learning Outcomes (CILOs) |
|-----|---|
| | Knowledge |
| 1 | Explain professional behaviour in the information technology field |
| 2 | Describe current information systems practices in Hong Kong and elsewhere |
| 3 | Analyze current issues in IT and the emerging technology |
| | Transferable Skill |
| 4 | Integrate knowledge to appreciate industry practices |
| | Attitude |
| 5 | Evaluate contemporary IT practices from the perspectives of experienced and professional IT practitioners |

Calendar Description: Students are exposed to the current IT practices through seminars given by IT professionals and academic staff, interacting in small groups with IT practitioners, and/or company visits. After completing this course, students will understand the current IT practice.

Teaching and Learning Activities (TLAs):

| CILOs | Type of TLA |
|-------|--|
| 1-4 | Attend seminars given by IT professionals and/or academic staff. |
| 4-5 | Interact and discuss in small groups with IT practitioners, and/or company visits. |

Assessment:

| No. | Assessment Methods | Weighting | CILOs to be addressed | Description of Assessment Tasks |
|-----|--------------------|-----------|-----------------------|--|
| 1 | Report 1 | 50% | 1-5 | This continuous assessment is designed to assess how well students can understand and describe some current practices for IT professionals. We will assess how well students summarize the seminar talk, and how well they could express their own opinion about the topics. (The weighing of each report could be executive summary 30%, critical comments and creativity 50%, clarity and organization 20%). |
| 2 | Report 2 | 50% | 1-5 | This continuous assessment is designed to assess how well students can understand and describe some current practices for IT professionals. We will assess how well students summarize the seminar talk, and how well they could express their own opinion about the topics. (The weighing of each report could be executive summary 30%, critical comments and creativity 50%, clarity and organization 20%). |

Assessment Rubrics:

| Criteria | Excellent (A) | Good (B) | Satisfactory (C) | Fail (F) |
|----------|---------------|----------|------------------|----------|
|----------|---------------|----------|------------------|----------|

| | | | | |
|-------------------------------|--|--|--|--|
| Citation and Reference | Sufficient references and properly used in-text citations without any obvious mistakes | Quite Sufficient references and properly used in-text citations with minor format mistakes | Some references and in-text citations included; Occasional format and usage mistakes | Very insufficient reference |
| Report Organization | Logically well-structured and balanced throughout the report and within each section. Also, all the points are well articulated. | Logically well-structured and balanced throughout the report and within each section | Logically structured and balanced in the overall sense | Putting points collected from different sources without careful thoughts on organization |
| Students' Opinions | Unique and in-depth analysis/reflection which are well related to the topic and carefully developed | Manifest some higher-order understanding of the topic | Some systematic comments | Just a summary of the topic |
| Technical Depth | State-of-art technical details covered and clearly explained | Major key technical details covered and clearly explained | Some key technical details covered | Just some general technical concepts |
| Effort | Solid contents and arguments; sufficient references; everything carefully formatted | Smoothly present and develop the points using their own wordings and organization; sufficient references | Use their own way to develop the report; some references; demonstrated format effort | Just copy and paste things from the Web |

Course Content and CILOs Mapping:

| Content | | CILO No. |
|---------|---|----------|
| I | Talks on IT Management: Managerial Aspects | 1,2,4,5 |
| II | Talks on IT Management: Technological Aspects | 2,3,4,5 |

References:

- Selected articles from journals, professional magazines, conference proceedings, etc.
- Barbara Gastel and Robert A. Day, How to Write and Publish a Scientific Paper, 8th Edition, Greenwood, 2016.
- John Bowden, Writing A Report: How to Prepare, Write & Present Really Effective Reports, 9th Edition, How To Books, 2011.
- C. Lipson, Doing Honest Work in College: How to Prepare Citations, Avoid Plagiarism, and Achieve Real Academic Success, Third edition, Chicago Guides to Academic Life, 2019

Course Content:

Topic

The topics are related to the current IT practice. The specific topics to be covered in a semester depend on many factors, such as the current IT practice, the availability of IT professionals for invited seminars, and the availability of IT companies for site visits. The topics will be selected from, but are not limited to, the following:

- I. Talks on IT Management: Managerial Aspects
 - A. IT project management practice
 - B. IT laws and copyright
 - C. Management of intellectual properties
 - D. Electronic transformation practice
 - E. Innovation and leadership
- II. Talks on IT Management: Technological Aspects

- A. Web intelligence practice
- B. Knowledge management practice
- C. Information and data management practice
- D. Business analytics Practice
- E. Network management practice
- F. Security management practice
- G. Current trends and emerging technologies