



Industrial Attachment (IA) and Industry-Based Student Project (IBSP) Induction Session

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Mobile Phone off or Silence Mode; Keep Quiet; No photos.

Thank You!



Industrial Attachment (IA) and Industry-Based Student Project (IBSP) Induction Session

- Introduce IA and IBSP procedure.
- Pay attention to the guidelines.



Industrial Attachment (IA) and Industry-Based Student Project (IBSP) Induction Session

- All information can be downloaded from:
<https://moodle1718.vtc.edu.hk/> and ENG website



IA and IBSP

- IA and IBSP will be conducted full time during the whole final semester of study.
- IA and IBSP may be conducted in:
industry (in companies in Hong Kong and China); or
in-house (in the department).





IA and IBSP

- New HD: 10(IA) + 48(IBSP) Credit Values (Mid of Jan – end of Apr)
- 4 scenarios for the implementation of IA and IBSP:

Scenario	IA	IBSP
*1	Company	Company
2	Company	IVE
3	IVE	Company
4	IVE	IVE

- *The most desirable arrangement of IA and IBSP in a single company.



IBSP

- Two supervisors for all IBSP:
 - one from the Department and one from industry (for project conducted in industry); or
 - both from Department (for in-house projects).



Project Selection

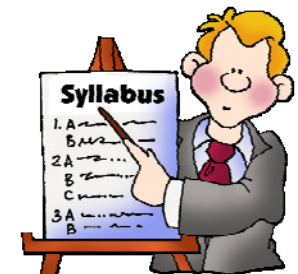
- The selection of students for work on the project will be done on the basis of students' academic achievements **in general**.
- Project Supervisor, in selecting the students, may take in consideration other aspects of students' performance such as good results / knowledge / skills / exposure / experience in areas important for the particular project.
- Interview may be required for the industry project subject to the request of the company.
- The preparatory work on the FYP may start earliest in the summer before the beginning of Final Year of Study.



The IA and IBSP Syllabus

- The details of IA and IBSP module aims, structure and assessment are described in the **syllabus** of IA and IBSP . Students are strongly advised to read carefully the syllabus and to be well aware of all aspects of IA and IBSP specified there.

Module Title	MAJOR PROJECT
Module Code	ENG3699
Class-Contact Hours	135 Hours
Laboratory/Workshop	135 Hours
Module Value	9.0
Module Aims	





Keeping Log

- Keep all your works (e.g. research, design, experimental result, web-link, photos, data, etc.) in your Log Book.
- Complete the regular record weekly and submit to your supervisors.



IA and IBSP

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Design Thinking

Concepts and Process

A user-centred, divergent thinking and prototype driven approach to innovation

Wallace LAM, Edwin WONG, Ken CHEUNG / HKDI



Why Design Thinking?

Design Thinking transforms learning experiences from problem solving to innovation



1 T-shaped Team

Network of professions

3 Essentials

User-centered / Practicability / Sustainability

5 Steps Process

Empathy / Define / Ideate / Prototype / Test



For details, please read :

Design Thinking Concepts and Process



Assessment

- Two **individual** presentations (around 15 min.) shall be done as part of assessments.
- Submit reports to your supervisors before the two presentations. Your reports and presentations should highlight **individual contribution**.
- Supervisors will give you feedback with the assessment record.



Assessment

Assessment Criteria:

1. Log book and Work Plan
2. Progress presentation
3. Progress Report
4. Final presentation / demonstration
5. Final Report / Portfolio (in hard copy)
6. Electronic file of the final report in pdf format and presentation in power point format saved in CD ROM / DVD



Document

- All information can be downloaded from:
<https://moodle1718.vtc.edu.hk/> and ENG website
- Browse the site frequently to find out updated information.
- Please contact your project supervisors for any questions.



FYP Report

- Complete the Final Project Report by the day of your final assessment and submit the following materials:

- Hard Copy of IBSP (well-bound book);
- CD-Rom.



Pay Attention



- Project topics should be more engineering oriented and in line with objectives.

e.g.1: Study of lighting system. ☹️

e.g.2: Installation and Testing the systems of Heating, Ventilation and Air Conditioning and to design a Direct Digital Control for operation in Tze Wan Shan Shopping Centre.



In CD-Rom



- Document: all documents e.g. project proposal, weekly logs, presentation materials, progress report, and FYP report.
- pdf report: a final year project report in pdf format (Filename cannot contain any space nor characters: \ / : ? " < > { } % &).
- (Suggested format: **Chan_Tai_Man_111234567_FYP_report**)
- Software: all programs, webpages, graphics, videos, movies, etc.
- Hardware: all system drawings, schematic diagrams, part list, PCB layout, etc.
- Utilities: all programs, e.g. assembler, compiler, etc.

Discuss with your supervisor for any other useful materials in CD-Rom.



Insurance



- You are covered with VTC Insurance Policy which provides a general insurance coverage for all academic related activities of the students as required by the curriculum of the courses.
- You are advised to pursue extra insurance on your own in order to enhance the coverage.



Rules Working in the Company

- Follow company's working hours and be punctual;
- Read the rules and regulations of the company;
- Comply with the instructions of the Industry Supervisor ;
- Leave will only be granted for valid reason and approval from both Supervisors have to be obtained;
- Seek approval from the Industry Supervisor before making any copies or taking any photos;
- Seek approval from both Supervisors on the date and time to be released from work to carry out lectures, if required.



Placement in China

Gain more knowledge and experiences;
Understand Chinese culture and development;
Pay attention: 回鄉咭, controlled items,
power plugs/sockets in China.....



Placement in China

Please read :
Power points for China Placement
國內工作實習簡介



To be professional



- Aware about safety
 - your own safety and the safety of the people around you.
 - work in accordance to the safety regulations and requirements.
- Keep learning
- Punctual
- Polite
- Work hard

- **Wish you success!**





Questions & Answers



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*Thank
you*