EE(IM) 4080
Final Year Project

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Outline

• Final Year Project (FYP)
• How FYP is related to Final Year Option
• FYP Matters Before Project Allocation/Selection
• FYP Matters During Project Allocation/Selection
• FYP Requirements
• FYP Assessments
EE(IM) 4080 Final Year Project

• Every final year student of EEE is required to undertake a project supervised by one or two faculty members.

• You may start your FYP in the next semester and it will spread over one academic year (2 semesters).

• No extension is allowed except for approved semester leave.

• Add/drop during the first 2 weeks of semester is allowed.
Is FYP linked to Final Year Option?

- FYPs are **NOT** classified according to options (Electrical & Systems Eng., Electronic Eng., InfoCommunication Eng.).

- Should you choose an FYP from your final year option? Useful but not necessary or always possible!

- How to tell whether an FYP is in your chosen option?
  1. By the project title/summary
  2. By the main supervisor’s area affiliation and his/her research interest

**Try to choose an FYP close to your final-year option**
Project Selection—Key Information

• Each project must have a main/sole FT supervisor from the School of EEE

• Project Types:
  • **Type A** – Projects proposed by EEE professors, URECA-FYP
  • **Type B** – Projects proposed by external partners such as research institutes and industries, such as RI/SCP, ISP.

    Check with your potential EEE supervisors

RI : Research Institute
SCP : School Collaboration Project,
ISP : Industrial Sponsored Project
Project Allocation/Selection

• Two phases (see next slide)
• Do your homework before selecting project/supervisor
• RI-FYP projects may require interviews by RI supervisors. They may be more demanding and challenging.
• For RI-FYP, ISP-FYP, you may need to go to RI or company outside NTU regularly, say, once a week.
Allocation/Selection Phases

• **Phase 1** – Selection by Supervisor *(Early April)*
  - Discuss with your potential supervisor
  - You will receive a confirmation email if the project is successfully allocated to you

• **Phase 2** – Selection by Students and Allocation by Computer *(After Exam, from mid to end May)*. Selection statistics will be provided (email notification will be sent).
  
  Final announcement on allocation: **Mid-June**
FYP Requirements
(PRE-REQUISITES after examination results are out for this semester)

• Year 4 standing or in the final study year, meeting all the AU requirements for the BEng degree upon completion of FYP.

• Have a balance of no more than 44 AUs (46 AUs for IEM students) inclusive of 8-AU FYP at point of registration of FYP.

• Completed Professional Internship (PI)*.
  * ABP students are allowed to register for FYP concurrently with PI at any given time.
  * Double Degree/Major students are allowed to register for FYP if taking up Professional Attachment (PA) during May to July period.
FYP Assessments

• **Interim Assessment**
  - Project Plan/Strategy – Submit to Supervisor at ~week 6
  - Interim Report – submit to both Supervisor and Examiner near the end of the first semester of FYP

• **Main Assessment**
  - Project Final Report – Submit to both Supervisor and Examiner in early April
  - Project Demonstration – To Examiner after report submission
  - Oral Presentation – To both Supervisor and Examiner

• **Evaluation Criteria**
  - Carry out preparatory work, such as literature search and review
  - Evaluate materials of relevance and understand the background
  - Focus on the main issues, formulate the problem, and identify key tasks
  - Validate the problem statement through analytical studies, simulations, experiments etc.
  - Write a report and present the work
Project Assessment

• All FYP reports (interim report, draft and final reports) must be submitted to Turnitin service to check for plagiarism, where the service produces a similarity score and originality report.

• A master course site will be created for students to submit the FYP report for Turnitin checking.

• Supervisor’s and examiner’s personal course sites will be created for students to submit the FYP reports to the supervisor and examiner.

• A minimum CGPA of 4.50 plus at least an 'A-' grade for the FYP is required for the award of the Honours Degree with Highest Distinction.
Submission Details for Semester 1 FYP

• Project Plan/Strategy submission: 16 September 2019
• Interim report submission: 11 November 2019
• Draft report submission: 27 March 2020
• Final report submission: 8 April 2020
• Demo: 13 – 17 April 2020
• Oral presentation: 11-13 May 2020 (after the last exam paper)

Note: For Semester 2 FYP, please refer to the FYP Website.
Useful Information and Guidelines

• Check your emails regularly, particularly those starting with FYP

• Visit the EEE FYP website regularly. Guidelines, schedules, key announcements, and all other important information about EEE FYP are provided.

http://www3.ntu.edu.sg/eee/fyp/

Or simply search “NTU EEE FYP” in Google
Thank you very much!