INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

FINAL YEAR PROJECT
POLICY AND GUIDELINE
for
BACHELOR OF COMPUTER SCIENCE

Kulliyyah of Information & Communication Technology

International Islamic University Malaysia

Semester 2, 2018/2019

SUMMARY

Final Year Project	FYP1	FYP2
Course Code	CSC 4903	CSC 4904
Pre-requisite	Earned 78 credit hours	CSC 4903
Deliverables	Interim Report Presentation Synopsis	Final Report Presentation Technical Report
Evaluators	Supervisor Coordinator	Supervisor Examiner Coordinator
Grading	**Coordinator** Coursework [20 marks] **Examiner** Presentation [20 marks] **Supervisor** Implementation [40 marks] Progress Report [20 marks]	**Coordinator** Coursework [20 marks] **Examiner** Presentation [10 marks] Technical Report [10 marks] **Supervisor** Final Report [20 marks] Implementation [40 marks]

1. Objective of Final Year Project

    A final year project demonstrates the ability to integrate knowledge that are acquired in pursuing the Bachelor of Computer Science. In addition, students are also expected to show the ability to perform self-learning of new skills. This includes documentation and presentation. Hence, Final Year Project is divided into two parts, namely Final Year Project 1 and Final Year Project 2, which are to be taken consecutively.

2. Categories of Projects

    There are two categories of projects:

    a.   **Research** – Implementation of research activities which produce analytical output.

    b.   **Development** – Implementation of software development activities which produce a working software product.

3. People and Roles

    a. Coordinator
        i.   Lecturers of FYP courses; CSC 4903 and CSC 4904
        ii. Compile students' name list, project titles and their supervisors
        iii. Schedule and plan the general milestone
        iv. Distribute the schedule to all the students and supervisors
        v.   Assist FYP Showcase organizer to provide the list of participants and evaluation
        vi. Prepare marking scheme
        vii. Collect all the evaluation forms at the end of the semester and compile all the marks
        viii. Key-in the marks into the **Result Entry system**

    b. Examiner
        i.   Perform evaluation of FYP poster presentation as assigned by the Coordinator
        ii. Perform evaluation of FYP technical report as assigned by the Coordinator
        iii. Submit evaluation forms to the Coordinator

    c. Judge
        i.   Perform evaluation of shortlisted FYP poster presentation as assigned by the Coordinator

d. Student
   i. Perform class registration through ***IIUM Web-based Course Pre-Registration***
   ii. Find Supervisor
   iii. Sign **FYP Supervisor Consent Form**
   iv. Obtain signature from the Supervisor as specified in the **FYP Supervisor Consent Form**
   v. Attend FYP weekly classes
   vi. Arrange consultation with Supervisor
   vii. Provide facilities and resources for project implementation
   viii. Follow deadline as fixed by Coordinator
   ix. Print FYP poster

e. Supervisor
   i. Propose FYP topics
   ii. Sign **FYP Supervisor Consent Form**
   iii. Coach and provide guidance to implement the project
   iv. Provide facilities and resources for project implementation
   v. Perform evaluation of FYP 1 poster presentation
   vi. Perform evaluation of FYP 1 Interim Report
   vii. Perform evaluation of FYP 2 Final Report
   viii. Perform continuous assessment of student progress
   ix. Submit evaluation forms to the Coordinator

4. Deliverables

   a. **Poster** – An infographic print of size A1 representing highlights of the Project
   b. **Interim Report** – A document that consists of project title, category and preliminary studies (ie: requirement analysis, design, methodology, timeline)
   c. **Synopsis** – A summary of the project between 100 – 200 words consisting the overview, problem statement and objectives.
   d. **Final Report** – A document that consists of a complete description of the project
   e. **Technical Report** – A dual column conference publication writing

5. Registration

   Fulfilling the corresponding pre-requisites. The pre-requisite for enrolling FYP 1 (CSC 4903) is earned 78 credit hours. The pre-requisite for enrolling FYP 2 (CSC 4904) is completing CSC 4903. Students are required to register the enrolment during Online Course Registration or Add/Drop Exercise.

6. Assignment of Supervisor

Supervisor will be assigned randomly based on the demand and availability. However, area of interest will be highly considered in the assignment of supervisor. Therefore, it is highly recommended that supervisors to prepare a brief description of projects for their supervision.

Students and supervisors are required to complete **FYP Supervisor Consent Form** which should be submitted to FYP Coordinator before the deadline for each of FYP1 and FYP2.

7. FYP Showcase

At the end of the semester, FYP Showcase will be held during the IOW Week on Week 13th. All projects are expected to be presented for evaluation. There are two types of evaluation:

a. Internal Evaluation - Evaluation by Supervisor and Examiner.

b. External Evaluation – Evaluation of **shortlisted projects** by External Judges.

8. Grading

a. FYP 1

Roles	Items	Total Marks
Supervisor	Interim Report	20
	Implementation	40
Examiner	Presentation	20
Coordinator	Coursework activities	20

b. FYP 2

Roles	Items	Total Marks
Supervisor	Final Report	20
	Implementation	40
Examiner	Technical Report	10
	Presentation	10
Coordinator	Coursework activities	20

9. Recommended Timeline

a. Final Year Project 1

Item	Deadline
Supervisor Consent Form	Week 3
Project Registration (online)	Week 5
Evaluation of Implementation Progress	Week 7
FYP Showcase	Week 13
Final Submission • FYP Synopsis (softcopy - online) • FYP Progress Report (softcopy and hardcopy)	Week 14

b. FYP2

Item	Deadline
Supervisor Consent Form	Week 2
Evaluation of Implementation Progress	Week 7
Technical Report (softcopy and hardcopy)	Week 8
Preliminary Poster (softcopy - online)	Week 10
FYP Showcase	Week 13
Final Submission of • FYP Final Report (softcopy and hardcopy) • FYP Poster (softcopy - online)	Week 14

10. Recommended Timeline

    a. Final Year Project 1

Tasks	Week																Responsibility CO - Coordinator SV – Supervisor ST – Student
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Obtain Supervisor Consent Form	■	■	■														ST, SV
Supervision and Seminars	■	■	■	■	■	■	■	■	■	■	■	■					ST, SV, CO
Implementation Progress Evaluation (Individual)							■										SV
Submission of FYP Synopsis											■						
FYP Showcase													■				ST, SV, CO
Submission of FYP Interim Report														■			ST
Evaluation															■		SV, CO
Result Entry																■	CO

b. Final Year Project 2

Tasks	Week																Responsibility CO - Coordinator EX - Examiner SV – Supervisor ST – Student
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Obtain Supervisor Consent Form	▓	▓															ST, SV
Supervision and Seminars	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓					ST, SV, CO
Evaluation of Implementation Progress (Individual)							▓										SV
Submission of Technical Report										▓							ST
Submission of Preliminary Poster											▓						ST
Evaluation of Technical Report											▓	▓					EX
FYP Showcase													▓				ST, SV, EX, CO
Final Submission (FYP Final Report and FYP Poster)														▓			ST
Evaluation															▓		ST
Result Entry																▓	CO