

# Thurayya College

## Philosophy behind Lab and Studio Requirements

### A. Departments and Specializations

1. Department I
  - i. Graphic Design
  - ii. Interior Design
  - iii. Media Production
2. Department II
  - i. Database Management
  - ii. System Analysis and Design
3. Department III
  - i. Applied Computer Engineering
  - ii. Network Management

### B. Estimated Number of Students in Each Department for Phase I

Department	# of Students
I	150
II	175
III	175

### C. Numbers of Classrooms and Various Labs

1. For Departments II and III:
  - i. Using the percentages specified by the Ministry of Higher Education (MOHE), we will approximately have at each hour the following number of students distributed on classes and labs

Department	In Classrooms	In Labs
II	70	45
III	70	45
Total	140	90

Assuming that 30 of the 90 students in labs occupy the general purpose labs (2 of them, one in the male side and the other in the females side), we are left with 60 students. Assuming 20 students per lab, we need at least 3 teaching labs.

- ii. For a total of 140 students in classrooms, we may need approximately 10 classrooms.
  - iii. For phases II and III, we need to add 1 general purpose lab and 1 teaching lab.
2. For Department I:
    - i. Using the percentages specified by the Ministry of Higher Education (MOHE), we will approximately have at each hour the following number of students distributed on classes, labs and studios.

Department	In Classrooms	In Labs and Studios
I	54	36

Because of the nature of the specializations in this department, many classes are also held in a lab or studio, increasing the lab and studio requirements. Assuming 15 students per class, we need at least 4 classes. We will need the following studios for the various phases of the project.

Studio Name	# in phase I	# in phase II	# in phase III
General Purpose	2	1	1
Drawing	1	0	0
Wood/Furniture	1	0	0

The area for each studio is suggested to be a square of at least 10 by 10 meters.

- ii. The Computer and Media Production Lab requirement for this department is the following

Lab Name	# in phase I	# in phase II	# in phase III
General Purpose	1	0	0
Multimedia	3	2	1

- iii.

D. Unix Lab will be used for general purposes as well as one of the networking labs.