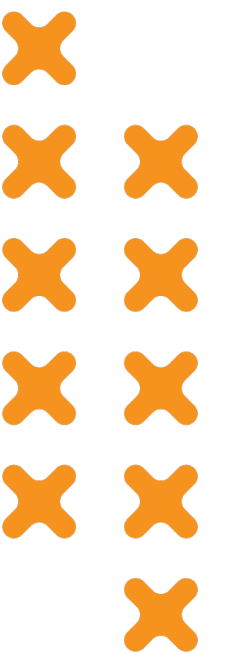


Summer Technical Course in Computer Fundamentals and Programming with Cultural Activity and Tours (Proposal)

A UST x CYCU Collaboration

Faculty of Engineering, University of Santo Tomas

February 17, 2025






Main Objective:

- To **improve the English proficiency of CYCU UG students** through a summer program in computer fundamentals and programming
- 

Updates on the Course:


1. Brief overview of the course
 2. Creation and registration of the program
 3. To be included in the new pricing
 4. Steps moving forward
- 



Main Objective:

- To **improve the English proficiency of CYCU UG students** through a summer program in computer fundamentals and programming
- 

Updates on the Course:

1. **Brief overview of the course**
 2. Creation and registration of the program
 3. To be included in the new pricing
 4. Steps moving forward
- 



Course Overview

- The **technical component** of the course to be offered is inspired from an existing common core 1st year course in UST-Eng'g which is ENG 209 – **Computer Fundamentals and Programming** and EE 240A – **Introduction to Computer I** offered in CYCU – EECS.

ENG 209 – UST


- 1 credit course
- Medium of instruction: English
- Course hours per week: 3 hrs
- Total number of weeks: 18 weeks
- Total number of hours: 54 hrs
- To develop skills and knowledge in computer fundamentals and programming using C++

EE 240A – CYCU


- 3 credit course
- Medium of instruction: Chinese
- Course hours per week: 3 hrs
- Total number of weeks: 18 weeks
- Total number of hours: 54 hrs
- To learn C programming and other related computer knowledge;

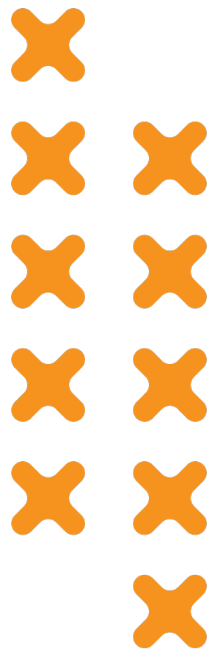


Course Overview

- The technical part will **cover the basics of computer** organization, logic formulation, introduction to C++ programming, control structures, data structures, and functions.
 - The **cultural activity and tour** will be composed of a Filipino class, city tour (Manila), and a cultural heritage tour (Tagaytay).
- 

Revised Proposal:

- 1 credit course in UST → **equivalent to 2 credits** when transferred to CYCU
 - Medium of instruction: **English**
 - Course hours per week: **6-hr class (M,W,Thurs)**, Fri (**Cultural visit/activity**), 1 day off
 - Total number of weeks: **2 weeks**
 - Total number of hours: **36 hrs of technical course, 20 hrs of cultural visit/activity**
- 



Proposed Schedule of Activities



Week

Day

Activity

1

June 22

Arrival to Accommodation

June 23

Morning: Campus Tour and Welcome Reception
Afternoon: Cultural Component (Filipino Class)

June 24–27

Technical Class (Part 1)
Cultural Component (City Tour)

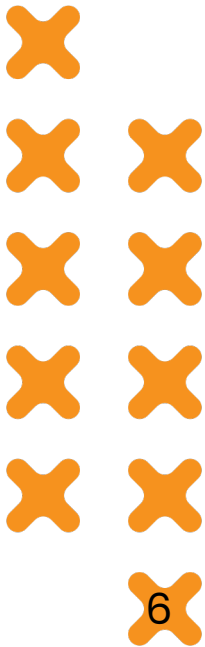
2

June 30–July 4

Technical Class (Part 2)
Cultural Component (Cultural Heritage Tour)
Closing Ceremonies

July 5 or 6

Departure






Main Objective:

- To **improve the English proficiency of CYCU UG students** through a summer program in computer fundamentals and programming
- 

Updates on the Course:

1. Brief overview of the course
 - 2. Creation and registration of the program**
 3. To be included in the new pricing
 4. Steps moving forward
- 



Creation and Registration of Program




- The **new course** can be registered **after approval** from OVRAA (academic affairs office) and OIRP (internationalization office).
- After the creation of the new course, students will be enrolled in the university, and a **TOR will be provided** at the end of the course. A certificate can also be issued by the unit if CYCU desires it.
- When the course is created, a **completed personal datasheet will be requested from CYCU** for the registration of its students to UST.
- Update on the approval of OVRAA and OIRP: on or before **March 15**
- Update on the approval of registration: on or before **March 31**

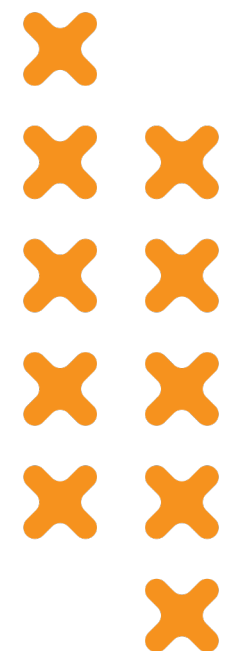


Main Objective:

- To **improve the English proficiency of CYCU UG students** through a summer program in computer fundamentals and programming
- 

Updates on the Course:

1. Brief overview of the course
 2. Creation and registration of the program
 - 3. To be included in the new pricing**
 4. Steps moving forward
- 



To be included in the new pricing



- Course fee (including lab facilities)
- Special study permit (to be processed by registrar)
- Dormitory accommodation
- Administrative fee
- Airport transfers
- City tour
- Cultural heritage tour
- Filipino class
- Updates on **February 21**





Main Objective:

- To **improve the English proficiency of CYCU UG students** through a summer program in computer fundamentals and programming
- 

Updates on the Course:

1. Brief overview of the course
 2. Creation and registration of the program
 3. To be included in the new pricing
 - 4. Steps moving forward**
- 



Implementation Agreement



- Needed to be drafted.
- Main sub-sections to be included:
 1. Description of the activity and transfer of credits.
 2. Responsibilities of UST (such as the delivery of the program, airport transfer to and from the accommodation, and delivery of the cultural component, to name a few)
 3. Responsibilities of CYCU (such as the promotion of the program to its students, appointing a faculty or staff in charge, collection of payment, to name a few)