

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY

Iloilo City Campus

College of Art and Sciences – Computer Department

ICT 116 - HUMAN COMPUTER INTERACTION 1

COURSE GUIDE

Units: 3

Prerequisite: CS 12, Soc Sci 1,
ICT 40 (Co – requisite)

Semester:
1st, AY 2020-2021

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Welcome to ICT 116!

I am Mrs. Josie C. Calfodoro, a faculty member of this University. I will be handling this course, and I shall be guiding and facilitating you this 1st semester, AY 2020-2021 as we explore the Human Computer Interaction (HCI). Remember, learning does not come from me, neither I can learn it from you. Also, students who were used to spoon-feeding should not expect the same thing to happen in this course or in any enrolled courses.

Due to pandemic, we will embrace the distance mode of learning delivery (online and offline). As a distance learner, you are expected to have a high level of independence and self-directed learning skills. A good organisational and time management skill can also help you as you go through this course, and complete all the requirements by yourself or through collaboration with your fellow-learners.

Course Description

ICT 116 covers the basics of Human Computer Interaction (HCI). Particularly the design user interfaces based on the capabilities of computer technology and the needs of human factors. This course will also discuss some of the related fields where HCI has been drawn where the students design a user interface for a system and implement its prototype.

Course Outcomes

At the end of this course, you should be able to:

- a) explain the vision, mission and core values of the university;
- b) discuss the foundations of human computer interaction (HCI);
- c) explain other fields that are related to HCI where it has been drawn and the current research in the field of HCI;



- d) analyze the needs of human computer interaction (HCI) design;
- e) describe various historic human computer interaction (HCI) paradigms;
- f) evaluate the programming tools, windowing system, interaction toolkits, and user interface management systems;
- g) apply an interactive design process and universal design principles to designing HCI systems; and
- h) develop the virtue of patience, love of God, prudence, commitment, accountability, responsiveness, excellence, integrity, leadership and self-discipline in their daily endeavors and in future occupations.

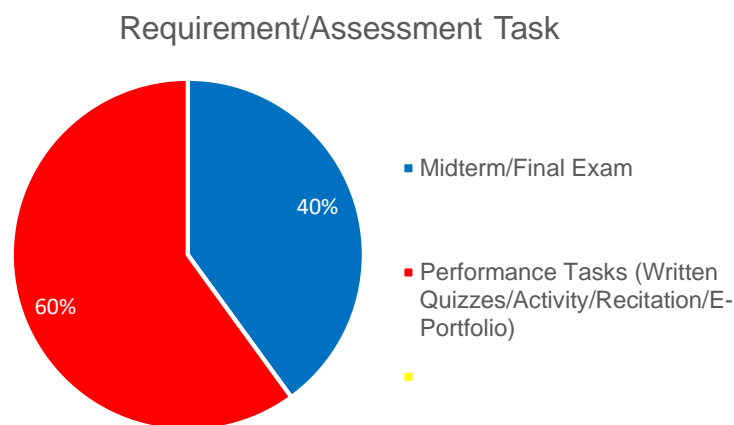
Course Outline and Schedule

Course Content	Requirement/ Assessment Task	Schedule
Vision, Mission, Core Values, Outcomes and Course Orientation	Self-Introduction and Course Expectation	Aug 17 – August 23
Module 1 Foundations of Human - Computer Interaction	Discussion Forum (Recitation)	August 24 – September 6
Module 2 Styles of HCI and Prototypes of Future HCI	<ul style="list-style-type: none"> • Assignment • Individual/Small Group Research Output 	September 7 – 20
Module 3 Related Fields to Human Computer Interaction	<ul style="list-style-type: none"> • Discussion Forum • Summative Test 	September 21 – October 4
Module 4 Paradigms	<ul style="list-style-type: none"> • Summative Test/ Activity 	October 5 – 11
Midterm Exam – Online (Synchronous Communication)		October 14 – 16
Module 5 Interaction Design Basics	Discussion Forum	October 19 – November 1
Module 6 Design Rules	Activity	November 2 – 15
Module 7 Implementation Support	<ul style="list-style-type: none"> • Assignment • Summative Test 	November 16 – 29
Module 8 Evaluation Techniques	<ul style="list-style-type: none"> • Discussion Forum 	November 30 – December 6



Module 9 Universal Design	• Summative Test	December 7 – 13
Final Exam – Online (Synchronous Communication)		December 14 – 16
Deadline of E-Portfolio (Individual)		December 18

Course Requirements and Grading Scheme



95 – 1.0	89 – 1.6	83 – 2.2	77 – 2.8
94 – 1.1	88 – 1.7	82 – 2.3	76 – 2.9
93 – 1.2	87 – 1.8	81 – 2.4	75 – 3.0
92 – 1.3	86 – 1.9	80 – 2.5	5.0 – Failure
91 – 1.4	85 – 2.0	79 – 2.6	Inc – Incomplete

House Rules and Reminders

- **Attendance to ICT 116.** Attend my class through Facebook Social Learning Platform, participate in our class discussion and submit all the requirements on time. A student who has not done any work and has no valid excuse for his/her delinquency shall be given a grade of 5.0 at the end of semester. Otherwise, INC grade for those with lacking requirements.
- **Core Values.** Uphold ISAT U core values such as integrity, commitment, accountable, responsiveness and excellence at all times. Therefore, as a student of the Iloilo Science and Technology University, it is expected that any work you submit online/offline is your own. Thus, if you are caught cheating, plagiarizing, or doing other forms of intellectual dishonesty, there will be consequences. ISAT U does not condone such misbehavior.
- **Communication.** Observe netiquette at all times, just check this link <http://www.albion.com/netiquette/corerules.html> and <http://www.bbc.co.uk/webwise/guides/about-netiquette> for guidance. Be courteous in responding to others' postings.



- **Facebook Social Learning Platform.** Throughout this semester, we will be using Facebook Social Learning Group as our primary communication platform. This will serve as the container of resources and references you need in this course. Forum discussions shall be done via Facebook Social Learning Platform as well. While for Chat Sessions, we will utilize the Facebook Group Chat for the benefit of others with limited connectivity. It will be scheduled to enable us to meet online. You may also post your questions there for everyone's benefit. The quicker you begin asking questions, the quicker you will benefit from the collective knowledge of your teacher and classmates.
- **Personal Correspondence.** If you hesitate to post your questions on Facebook Social Learning Platform, you may also send your questions to my email address at josie.calfodoro@isatu.edu.ph or via facebook messenger (Josie Calasagsag Calfodoro). For sending an email, please indicate "ICT116_yourFirstName" on your subject bar so as not to be accidentally labeled as spam by the security software and so that I could distinguish you as my student. The reason for this is many of you use aliases/usernames in e-mails which are so far from your real names.
- **Late Submissions.** Late submissions will not be accepted unless otherwise there is a valid reason, but with corresponding points to be deducted. Avoid uploading files or documents at the very last minute, especially those with limited connectivity.
- **Missed Exam.** If you miss any exam for some reason, a make-up exam shall be given after the regular schedule of the University. Expect that the exam is more challenging than the original exam given.
- **Activity and Assignment.** Your activity and assignment file name should strictly follow the following file naming protocol: Activity#_FirstName or Assignment#_FirstName, ex. Activity1_JosieCalfodoro or Assignment1_JosieCalfodoro. Please note that there is no space in between the Activity or Assignment number, and your first and last name.
- **Online Tutorial Session.** These shall be held whenever the need arises and shall be announced in advance.
- **Doing Your Best.** Simply give your best, your more than 100% if you can. With hard work, perseverance, and resourcefulness, I believe that you will be able to finish this course with flying colours. Let me tell you this: "Walang mahirap sa taong nag-aaral nang mabuti". I also believe that success is directly proportional to the time you spend in studying. I know that this course is going to be challenging, but never give up! All the best!



Have a wonderful and fruitful semester!

