

University of Kentucky
School of Information Science (SIS)

ICT 150 Experience ICT

Section 001

9:30 am -10:45 am T, Th

INSTRUCTOR INFORMATION

Primary Instructor: Dr. Fátima Espinoza Vásquez

Office Hours: T, Th 11am-2pm email for appointment

Email: fatima.espinoza@uky.edu

Location: 316 Lucille Little Fine Arts Library.

COURSE INFORMATION

Course Description

Through the exploration of social and technological theories related to Information Communication Technology and the evolution and current applications of ICT, students will gain a better understanding of how the emergence of the ICT as a discipline. They will recognize its shared commonalities with other disciplines; its distinct characteristics; its applications in the workplace and personal contexts; and its impact and future implications on individuals, organizations, and societies.

Course Goals

1. To provide a greater understanding of the convergence of information, communication and technology into the field of ICT.
2. To introduce social and technological theories related to ICT.
3. To distinguish the differences and similarities of ICT to other related fields.
4. To showcase the relevance of ICT in today's world.
5. To explore multiple industries/fields/careers that use ICT.
6. To provide a greater understanding of ICT's impact on individuals, organizations and societies.

Learning Outcomes

By the end of this course, students will be able to:

1. Define ICT.
2. Identify and understand social and technological theories related to ICT.
3. Identify other concepts associated with, similar to, and mistaken for ICT.
4. Describe the relevance of ICT in today's world.
5. Identify multiple industries/fields/ careers that use ICT.
6. Communicate their understanding and ideas about ICT in writing and verbally.
7. Describe ICT's impact on individuals, organizations, and societies.

Required Materials

All readings will be listed on the course schedule and will be available online or through Canvas, UK's Online Journals or UK Libraries. Students are expected to do their readings PRIOR to class.

Technology Requirements

Students should bring an internet-ready (wi-fi enabled or cellular data connection) device such as smart phone, laptop, or tablet to class participate in lecture polls, access readings, and take exams. Students must have access to Canvas through their UK ID to successfully complete this course. Students are encouraged to download the Canvas app to their devices. Students may also need access to Google Drive (Instructions to come) and access to [Zoom](#) (which they should already have with their link blue user name and password). Students are not required to have a webcam and microphone, although they may come in handy.

However, electronic devices will be used **only** during specific class activities.

STUDENT EVALUATION

Grading Parameters

Assignments 35%
Papers (3, including comprehensive final) 30%
Classroom Activities 35%

Grading Scale

95% – 100% = A (Exceptional Achievement)
80% – 94% = B (High Achievement)
70% – 79% = C (Average Achievement)
60% – 69% = D (Below Average)
0% – 59% = E (Failing)

Course Structure

This course is divided into four (4) learning modules:

- (1) Defining ICT: Here we will define ICTs and understand the various theories that explain the role of ICTs in society.
- (2) ICT in Use: Here we will look at a variety of studies that explain how ICTs are used for different activities (e.g. Education, Business, Arts, etc.)
- (3) Impact of ICT
- (4) Future of ICT

Successful completion of each module requires the completion of all module assignments. Students must also actively participate in the weekly classroom discussions, activities, and lecture polls. Assignment due dates are indicated on the daily schedule on CANVAS.

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Assignments

Students will complete a variety of exercises for each module. These assignments/exercises apply skills, concepts and processes covered in the readings and class materials. **All assignments are due by 11:59 pm the night prior to the designated class.**

Term Papers

Students are expected to complete three (3) big papers throughout the semester. Each paper will be used to determine student comprehension of readings, discussions, and lectures for its respective module. The final paper will be a comprehensive research report that will bring together all the work you did through the semester.

1. Defining ICTs: Students will use theories to analyze a current ICT-related phenomenon. They will be required to back up their responses by defining and applying correctly the theories and concepts learned in class.
2. Annotated Bibliography: Students will select an area of impact from those discussed in class. Then compile an annotated bibliography of the resources introduced in class and at least 8 additional resources. The articles should be scholarly in nature, present a social science view and address the impact area chosen. Annotations should summarize the article and tell how it relates to impact area and ICT.
3. Research Paper: The final research paper will be built from the start of the semester. Attending class is imperative for the completion of the final paper. The paper will be the report of a small research project that students will develop through the semester. The structure will be as follows: Abstract, Introduction (Problem statement),

Assignments and Classroom Activities

Engaged and respectful dialogue are necessary for better comprehension so designated classes will be devoted to discussion and learning activities (see course calendar for designated classes). Students will break out into smaller groups working with the instructor on discussion or other activities. Students with thoughtful and original contributions, and frequent comments/questions/participation will receive full points. All class discussions, both in-class and online, should be respectful and intellectually stimulating. Disrespectful participation will not be tolerated. Most classroom activities will be graded, so attendance is crucial to succeed in this class.

Types of Assignments.

1. BYO Understanding of ICT: Students should bring in their own definitions of what ICT is. The definitions should be based only on current knowledge. Does not

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require reading course materials yet. Definitions are also required to be submitted through Canvas before the start of class.

2. BYO Example of Future: Students should bring in an example of where ICT is going or progressing. These examples should come from articles found in popular or scholarly materials and can be electronic or print. The ideas presented can be fictional or factual it just needs to be a published idea. Students should be prepared to share information about the future example to the class. Students should submit their example and source in Canvas before the start of class.
3. BYO Career: Students should bring an example of ICT in use in the workplace and be prepared to discuss how it is being used, how a process changed with addition of ICT and identify and explain the level of ICT expertise involved (based on the course readings). Students are required to submit example and explanation in Canvas before the start of class.
4. BYO Question: Students should bring a thought-provoking question or possible test question (instructor will identify question type) related to the daily topic, assigned reading, or the speaker. (This will happen frequently.)
5. BYO Current Event: Students will prepare an educational video discussing a current event related to the course topics.
6. ICT Observation: Students should observe and record when, where, how, and why they use ICT and/or observe ICT in use. Students can select the time for the observation but must be during the active part of their day and should include at least 6 hours of data (do not have to be consecutive). Before conducting research, students should visit UK's Office of Research Integrity website to learn about ethics of inquiry and then generate a list of ethical concerns related to this observation assignment. Following data collection, the student should record their data on using the appropriate group document.

Types of Classroom Activities.

1. Debates: There will be multiple debates throughout the semester on a variety of topics. Students should be prepared to participate on either side of the debate. Students should submit statement supporting one side of the debate on Canvas before the start of class. Statement should include reference to an assigned reading or other scholarly article. (For other scholarly articles please supply citation.)
2. Observation Presentation/Discussion: Students will bring their findings from the ICT Observation assignment to class. In small groups, students will share their findings and discuss the results. Each group will summarize their discussion to share with the class.
3. Reading Assessments: During the semester students will participate in exercises about the readings and lectures. They might be polls, BYOQuestions, quizzes, or mini reflections. They are designed to encourage students to complete reading assignments and actively participate in the classroom.
4. Scenario Thinking Assignment: Students should write a 2-3 page narrative of a selected scenario created by their group. The scenario should be well developed,

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believable story. The story should have a beginning, middle, and end; it should include a plot related to focal question, ICT, and the key forces; and it should contain realistic characters.

5. Mini-Workshops: Students will build their final Research Paper through several in-class workshops.

Most of these activities will be completed and results discussed in class. Students should bring a wi-fi enabled device (like smartphone, tablet, laptop, etc.) to class to fully participate. The instructor might implement new type of assignments and activities according to student interests and needs.

Assignments Format

All homework must include your name, instructors' names, the course and section, and the date. When submitting assignments on Canvas, make sure to give your work a document name to indicate what the item is. For example, you may title your assignment "lastname_impact." You are responsible for keeping back-up (I recommend several) copies of all your work since electronic texts can be lost. All assignments must be written in Standard English with correct grammar, spelling, and punctuation. Assignments are to be completed solely by the individual. I recommend using the UK Writing Center <https://uky.mywconline.com>

Self-Discipline

You are responsible for completing readings, turning in assignments and attending class. This course requires some digital components (ex. Readings, turning in assignments, lecture polls, etc.) so you should not wait until the last minute to complete readings or submit assignments since technological issues can and will occur. Also remember to check Canvas **every day** for class updates or additional information. All announcements and information about the class will be posted there.

Course Policies

Attendance

This is a face-to-face class course; therefore; regular attendance to class is **essential** to succeed in this course. In-class exercises and attendance are 35% of the course grade. Attendance is graded. Each day of class students will earn a point. However, 5 unexcused absences or more will result in a zero in attendance. Missing class may result in missed additional points for any activities (lecture polls, classroom activities, or tests) conducted during class. This policy will be strictly enforced. Only students who submit appropriate documentation for an excused absence (defined in the next section) will be eligible to make up missed activities.

Moreover, students are expected to come to class having read the assigned material. They are also expected to be prepared to participate meaningfully during all in-class activities.

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Excused Absences

Students need to notify the professor of absences prior to class when possible. Students have up-to one (1) week following an excused absence to provide appropriate documentation. Senate Rules 5.2.4.2 defines the following as acceptable reasons for excused absences:

- (a) Serious illness,
- (b) Illness or death of family member
- (c) University-related trips,
- (d) major religious holidays, and
- (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Excuses for university-sponsored activities must be made prior to such absence. Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737, http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php).

Verification of Absences

Acceptable verification for excused absences due to illness includes documentation from a medical professional (must include medical professional’s contact information) with date of service and any restrictions or time off explicitly stated, Tier 2 emails from University Health Services (for limited absences), or Tier 3 documents from University Health Services for extended absences (must specifically identify date range for absence). Tier 1 documents provided by University Health Services will only be accepted for up-to 2 absences (non-consecutive days). Tier 1 documents will not be accepted on exam days.

Late Work

Late work submitted within 24 hours will receive a 20% penalty. Late work submitted within 48 hours will receive a 30% penalty, and late work received before 72 hours will receive 40% off. No late work is accepted after 3 days. Late work will only be accepted for assignments and needs to be negotiated with the instructor. Classroom activities will not be accepted late due to intendance.

Plagiarism

Part II of Student Rights and Responsibilities (6.3.1; online at <http://www.uky.edu/StudentAffairs/Code/part2.html>) states: All academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases

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where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work, whether it be published article, chapter of a book, a paper from a friend or some file, or whatever. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain.

Make sure to properly cite in all your assignments. Plagiarized work may be given a zero. Repeat offenses will result in a failing grade for the course.

Class Schedule

Learning does not always happen on schedule, and so changes may be made to meet the individual needs of the class. You will be responsible for checking the online syllabus and schedule before beginning your homework for any changes or updates.

E-mail Policy

Please allow 24 hours for your instructor to respond to your e-mail during the school week. On weekends, responses may not be made until Monday. I ask that before you e-mail with questions, please read your assignment information and syllabus carefully. If you have not heard from your instructor within 24 hours, please send a follow-up e-mail or speak with me in person.

I also ask that you adhere to the following rules when sending an email.

<u>Always</u>	<u>Example</u>
Include what your class and email is specifically regarding in the subject line.	Subject: Team project question
Include an appropriate salutation. Begin with a greeting and address your professor by her appropriate title and last name.	Good afternoon, Professor Espinoza, Or Hello, Dr. Espinoza
Include an appropriate signature with your full name, class code and section	Jane Doe IST150 Section 001

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Use standard punctuation, capitalization, spelling and grammar.	Instead of writing “idk what 2 rite about in my paper can you help??” try something more like, “I am writing to ask about the topics you suggested in class yesterday”
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Office Hours

I will be available to speak with you in my office, 315 Little Library, during office hours by appointment only. Please email me to make an appointment. Appointments should be made at least one day in advance.

Questions

If students have questions of a personal nature regarding grades, attendance or other issues, the classroom or email is not the appropriate platform for that discussion. Students should contact the instructor to schedule an appointment to discuss.

Reference Librarians

The reference librarians on the 2nd floor, North Wing of W.T. Young Library are more than happy to help you with your research for this class and any class you have. Please feel free to visit, call, e-mail, or chat with them, unless your assignment requests that you do not seek their assistance. See the Libraries' Homepage for more information.

Academic Ombud

Dr. Joe McGillis, the Academic Ombud will assist you with a variety of issues, including grade disputes. She is in 109 Bradley Hall and her number is 859-257-3737. You can e-mail her at ombud@uky.edu.

Disability Services

If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation that details the recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director at 859-257-2754 or jkarnes@email.uky.edu.

GENERAL COURSE POLICIES

Policies concerning academic integrity, excused absences, incompletes, and academic accommodations due to disability are available online at:

<https://ci.uky.edu/sis/sites/default/files/policies.pdf>

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TENTATIVE TOPICS

1	What are ICTs/ICTs Defined
2	ICTs as a Social Science.
3	Research Ethics
4	ICT Theories: Information Society
5	ICT Theories: Network Society
6	ICT Theories: Technological Determinism
7	ICT Theories: Social Construction of Technology
8	ICT Impact
9	Business and Industry
10	Arts and Humanities
11	Civic Participation
12	Sustainability
13	Social Justice
14	Education and Learning
15	ICT4D/Digital Divide
16	Theories of ICT Adoption Part I
17	Theories of ICT Adoption Part II
18	ICT use in Healthcare
19	ICT use in Agriculture
20	ICT use in Government
21	ICT use in Banking
22	Asking Research Questions
23	Introduction to Scenarios

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24	Possible Futures: Wearables
25	Possible Futures II: Implants
26	Possible Futures III: The Internet of Things
27	Possible Futures Case Study

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