

University of the Cumberland
School of Computer and Information Sciences
ITS832 – Information Technology in a Global Economy

Course Summary

Course Number and Name

ITS 832 – Information Technology in a Global Economy

Residency Session: June 21st – 23rd (During Week 7 of Course)

Friday 5pm – 10pm; Saturday 8am – 10pm; Sunday 8am – 1:30pm

Residency Location: NKY (Northern Kentucky Campus)

Course Term and Delivery

Summer Main 2019 - Hybrid with Required Residency **May 6th – Aug 20th**

Course Instructor

Dr. Jonathan Abramson

Email: jonathan.abramson@ucumberlands.edu

Office Hours: By Appointment

Catalog Description

This course covers theory, development and impacts of national and international policy on IT. It explores how frequent shifts in public policy require IT businesses to adjust rapidly to adhere to regulations. Students will develop sophisticated strategies to be able to adapt to the changing environment including new technologies, global transfer and analysis.

Course Objectives

- Develop an understanding of public policy and how it impacts IT from a business and development standpoint.
- Demonstrate the ability to perform analyses related to trade policy, standards, domestic and international regulatory policy, and the impacts of changes in policy on the IT structure of a business.
- Describe an example of: (1) a public policy that had a positive impact on IT, and (2) a public policy that had a negative impact on IT.
- Discuss the current trends in the global IT arena ranging from technology, hardware, policy, software, and available services including out-sourcing.
- Define the activities and tools required to develop a sophisticated national and international strategy for IT.
- List and describe available tools to assist business organizations in the development of a competitive strategy.
- Understand how international and developing markets play an ever-changing role in IT; and integrate that understanding into an existing strategy to develop reasonable estimates of the effect of new products, services and vendors.
- Describe an example of the effect of an emerging market on global IT competition.

Course Structure

Watch weekly lecture

- Participate in class discussion via iLearn forums. Postings must be substantive and not be plagiarized.
- Reading assigned texts
- Complete quizzes based on assigned reading and lecture
- Complete cases based upon a given scenario
- Complete homework assignments from the text and other sources

Learning Materials and References

Required Resources

Janssen, M., Wimmer, M. A., & Deljoo, A. (Eds.). (2015). Policy practice and digital science: Integrating complex systems, social simulation and public administration in policy research (Vol. 10). Springer. (Included through library subscription)

Course Expectations

Class Participation

Students expected to:

1. Be fully prepared for each class session by studying the assigned reading material and preparation of the material assigned.
2. Participate in group discussions, assignments, and panel discussions.
3. Complete specific assignments when due and in a professional manner.
4. Take quizzes and exams when specified on the attached course schedule.

Academic Integrity

At a Christian liberal arts University committed to the pursuit of truth and understanding, any act of academic dishonesty is especially distressing and not tolerated. In general, academic dishonesty involves the abuse and misuse of information or people to gain an undeserved academic advantage or evaluation. The common forms of academic dishonesty include:

- a. cheating - using deception in the taking of tests or the preparation of written work, using unauthorized materials, copying another person's work with or without consent, or assisting another in such activities
- b. lying - falsifying, fabricating, or forging information in either written, spoken, or video presentations

University of the Cumberland
School of Computer and Information Sciences
ITS832 – Information Technology in a Global Economy

- c. plagiarism - using the published writings, data, interpretations, or ideas of another without proper documentation

Episodes of academic dishonesty are reported to the Vice President for Academic Affairs. The potential penalty for academic dishonesty includes a failing grade on a particular assignment, a failing grade for the entire course, or charges against the student with the appropriate disciplinary body.

Students with Disabilities

Students who may have a disability meriting an academic accommodation should contact Mr. Jacob Ratcliff, the Disabilities Services Coordinator, in the Student Services Office. For accommodations to be awarded, a student must complete an Accommodations Application and provide documentation of the disability to the Disability Services Coordinator. Any accommodations for disabilities must be re-certified each semester by the Academic Affairs Office before course adjustments are made by individual instructors.

Student Responsibilities

1. Students are expected to login several times per week to participate in class discussions.
2. Students are expected to find out if any changes have been made in the class or assignment schedule.
3. Students are expected to post thoughtful and meaningful reflective substantive postings, copied and pasted postings will earn an automatic “zero” 0.
4. Students are expected to be self-motivating in an online, asynchronous course.
5. Submit all assignments, quizzes, and exams before the due date or receive zero points.
6. Be present at the required residency which is specified in this course syllabus and will be announced in class.

University of the Cumberland
School of Computer and Information Sciences
 ITS832 – Information Technology in a Global Economy

Tentative Course Outline*

Note: Assignments in the following table are listed as when they are **due**. Not all assignments are listed and it is your responsibility to review weekly assignments in the weeks content folder.

Week	Lesson	Reading	Assignment(s)	Due Dates*
1	Lesson 1 –	Chapter 1, “Introduction to Policy-Making in the Digital Age”	-Reading -Discussion Board	5/12/2019
2	Lesson 2 -	Chapter 2, “Educating Public Managers and Policy Analysts in an Era of Informatics”	-Reading -Discussion Board -Writing Assignment	5/19/2019
3	Lesson 3 -	Separate article: Computational Modelling of Public Policy: Reflections on Practice	-Reading -Discussion Board	5/26/2019
4	Lesson 4 -	Chapter 4 - Policy Making and Modelling in a Complex World Wander Jager and Bruce Edmonds Sense4US Policy Modelling and Simulation Tool Article	-Reading -Writing Assignment	6/2/2019
5	Lesson 5 -	Chapter 5, “From Building a Model to Adaptive Robust Decision-Making Using Systems Modeling”	-Reading -Writing Assignment	6/9/2019
6	Lesson 6 -	Chapter 6, “Features and Added Value of Simulation Models Using Different Modelling Approaches Supporting Policy-Making: A Comparative Analysis”	-Reading -Discussion Board	6/16/2019
7	Lesson 7 -	Chapter 7, “A Comparative Analysis of Tools and Technologies for Policy Making” Residency Week June 21st – 23rd Assignments will be given out at residency and mentioned in lecture.	-Reading	6/23/2019

University of the Cumberland
School of Computer and Information Sciences
 ITS832 – Information Technology in a Global Economy

		Daily Practical Connection Assignment will also be explained. ja		
8	Lesson 8 -	Module Reader M 4301-410 Knowledge and Innovation Management KIM-03 Knowledge Management KIM-04 Models of Knowledge Transfer	-Reading -Discussion	6/30/2019
9	Lesson 9 -	KIM-05 Diffusion of Innovations KIM-06 Diffusion of Hybrid Corn in Iowa	-Reading -Paper	7/7/2019
10	Lesson 10 -	Finish up any residency work.	Finish up any work assigned from residency.	7/14/2019
11	Lesson 11 -	KIM-10 Basic concepts for understanding adoption and diffusion		7/21/2019
12	Lesson 12 -	Modeling Basics	-Reading -Discussion	7/28/2019
13	Lesson 13 -	Insight Modeling Project	-Reading -Project start	8/4/2019
14	Lesson 14 -	Insight Modeling Project	-Reading -Project continued	8/11/2019
15	Lesson 15	Insight Modeling Project - revise and hand in.	-Reading -Project continued	8/18/2019
16	Final Exam		Final Exam	8/20/2019

University of the Cumberland
School of Computer and Information Sciences
ITS832 – Information Technology in a Global Economy

Dates for each week

Week	Start	End	Notes
Week 1	5/6/2019	5/12/2019	
Week 2	5/13/2019	5/19/2019	
Week 3	5/20/2019	5/26/2019	
Week 4	5/27/2019	6/2/2019	
Week 5	6/3/2019	6/9/2019	
Week 6	6/10/2019	6/16/2019	
Week 7	6/17/2019	6/23/2019	Residency in NKY, June 21 st – 23rd
Week 8	6/24/2019	6/30/2019	
Week 9	7/1/2019	7/7/2019	
Week 10	7/8/2019	7/14/2019	
Week 11	7/15/2019	7/21/2019	
Week 12	7/22/2019	7/28/2019	
Week 13	7/29/2019	8/4/2019	
Week 14	8/5/2019	8/11/2019	
Week 15	8/12/2019	8/18/2019	
Week 16	8/19/2019	8/20/2019	

University of the Cumberland
School of Computer and Information Sciences
ITS832 – Information Technology in a Global Economy

Note: ALL ASSIGNMENTS AND DUE DATES ARE SUBJECT TO CHANGE

***All assignments, quizzes, and exams are posted in iLearn under the Content Section and are due no later than 11:59 pm EST on the due date. Final grades will be posted no later than Apr 29, 2018.**

***Discussions cannot be made up.**

***Late penalties will be applied to all late assignments at the discretion of the instructor.**

Course Assignments and Evaluation Criteria

Grading will be based on accumulated points of each graded requirement in the course distributed as described in the table below:

Required Assignments*		
Assignment	Description	Weight
Discussions	Students will be required to create 1 new thread and provide substantive comments on at least 3 threads created by other students.	20%
Writing Assignments: includes modeling project activities.		20%
Residency and Residency Projects	During the Residency weekend, you will be required to complete a research project and make an oral presentation.	60%
	TOTAL	100%

** Assignments may change at the discretion of the professor and changes in the assignments will be announced in class. Students are responsible for noting and completing any changes in assignments.*

Grade Conversion

The final grades will be calculated from the percentages earned in the course, as follows:

Grade	Percentage
A	90–100%
B	80–89.5%
C	70–79.5%
F	<69.5%