

PURDUE POLYTECHNIC, Purdue University

TECH 33000

TECH 33000 – Technology and the Global Society

Course Syllabus

SPRING 2020

Course Description:

The course examines the interplay of technology, globalization, and ethics. Students will explore concepts and issues related to outsourcing; global competitiveness; communications; contemporary issues; cultural differences such as inequality, security, sustainability, and quality of life; and the ethical dilemmas that often emerge as a result of the impact of technology. *This course will expose students to strategic and operational management topics that support decision making in global expansion of Business and Technology. This course is designed to provide knowledge and a higher level understanding of the principles behind globalization of technology and its regional and global markets. 3 Credits*

Course Prerequisite:

None.

Textbook:

This course will use current journals, international references, case studies, and handouts.

Course Objectives:

1. Identify and describe cultural norms, interactions, gender roles, societal ethics, religions, and examine their potential impacts on business and industry.
2. Demonstrate familiarity with international laws (such as import / export controls) and analyze their effects on information technology, cybersecurity, and regulating global business operations.
3. Predict the positive and negative impacts of social media and global IT on individual perceptions and daily business operations.
4. Summarize the basis of the Intercultural Development Inventory (IDI) assessment and subsequent individual debriefing to gain intercultural capacity through formal reflection on one-self, learning about others, managing one's emotions in situations of differences, and learning techniques to bridge differences through changing one's own frame of reference.
5. Demonstrate judgement in effectively organizing and managing multi-cultural teams for international projects.
6. Increase awareness of the global collaborative efforts addressing energy, climate change, poverty, clean water, education, and hunger.

At the end of this course, the student will have the ability to research and assess multiple variables, human and technical, that effect Technology in a Global Society.

Instructor/Phone/Email:

Robert F. Cox, Ph.D., Senior Associate Dean for Globalization

Knoy 150 - **Office Hours by Appointment Only**

765-494-2297 rfcox@purdue.edu

For an Appointment contact Misty Clugh at mclugh@purdue.edu

Graduate TA: Aparajita Jaiswal, jaiswal2@purdue.edu, 765-476-6761

Class Time:

Tues-Thurs 10:30 – 11:45 AM in WALC 3122

Assignments:

This course consists of weekly assigned readings, pre-class exercises, in-class activities, quizzes, and classroom discussions. Please read the assigned readings and complete any pre-class exercises before the topic is covered in class. All required materials are provided on BLACKBOARD.

Grading policy:

Current Events Assignment	10%
Test #1	25%
Test #2	25%
IDI Survey, Debrief, & Reflection	10%
<u>HW / Quizzes / In-Class Exercises</u>	30%
	100%

SPRING 2020			Required Pre-Class Work	In-Class Activities
WEEK	Date	Planned Topics *SUBJECT to Change		
1	Tues – Jan 14	Introduction and Course Overview – <i>The Four Step Plan</i> “Shrinking the World”		Individual Cultures
	Thurs – Jan 16	Individual Cultures and Hot Buttons exercise Cultures and Accepted Norms	HOT BUTTONS	Hot Buttons
2	Tues – Jan 21	FACTFULNESS - Leveling Activity Worldwide Education	Pre-Class HW 1	In-Class Exercise
	Thurs – Jan 23	Worldwide Education Intercultural Development Inventory (IDI) Assessment		In-Class Exercise
3	Tues – Jan 28	Cultures and Business - Pleasure before business? IDI Profile Assessment Survey Launches	Pre-Class HW 2	In-Class Exercises
	Thurs – Jan 30	Cultures and Business National Profiles- Geert-Hofstede Cultural Models	Pre-Class HW 3	In Class Exercise
4	Tues- Feb 4	National Profiles- Geert-Hofstede Cultural Models IDI ASSESSMENT SURVEYS DEADLINE		In Class Exercise
	Thurs – Feb 6	IDI Group Debrief Cases of Effects of Intercultural Development Use if IDI in Corporate Settings Individual IDI Debriefing Procedures (Online reservations)	Hammer Ch. 16 required reading	
5	Tues – Feb 11	Student Panel Discussion – Lessons Learned Abroad Elizabeth Barajas, Senior Global Programs Coordinator Misty Clugh, Sr Admin. Asst, Polytechnic Global Operations		Panels
	Thurs – Feb 13	Refugee Crisis		
6	Tues – Feb 18	Defining America Culture	Pre-class – “Nine Nations”	In-Class Activity
	Thurs – Feb 20	Clothing, Tattoos, Piercings, and Facial Hair Current Events Topic Discussion		In-Class Exercise
7	Tues- Feb 25	TEST #1 – Via Blackboard		
	Thurs – Feb 27	Social Media – Influence on Global Perspectives	Video	TBD
8	Tues- Mar 3	Social Media – Influence on Global Perspectives	Video	TBD
	Thurs – Mar 5	Global Cyber Security – Nicole Hands	ROOM RELOCATION	WALC 1018

9	Tues – Mar 10	Design Thinking and Cultures – Paul Asunda		In-Class Activity
	Thurs – Mar 12	Human Trafficking – Chad Laux and Kate Seigfried -Spellar		TBD
10	Mar 17-19	Spring Break!		
11	Tues – Mar 24	Review of Global Challenges Using SDG	SDG Homework	
	Thurs – Mar 26	Sustainable Development Guidebook		In-Class Activity
12	Tues – Mar 31	Current Global Events are Due Group Presentations Prep time	Current Event Major Assignment	
	Thurs – Apr 2	Current Global Event Group Presentations		
13	Tues – Apr 7	Current Global Event Group Presentations		
	Thurs – Apr 9	Cyber Security on a Global Scale By Ida Ngambeki, Assistant professor of CNIT		
14	Tues – Apr 14	Healthy City Design – Automobile Dependent America		In Class Exercise
	Thurs- Apr 16	Global Awareness – Individual Impacts on Climate Change	Commuter survey	
15	Tues, Apr 21	TEST #2 – Via Blackboard		
	Thurs -Apr 23	Catch up Day		
16	Tues – Apr 28	Course Debrief - Your Individual Reflection Assignments are Due on Blackboard before beginning of class - <u>please bring a hardcopy with you to class</u>	Reflection assignment is due on Blackboard	Close-out Exercises
	Thurs – Apr 30	Close Out Exercises		

****PLEASE NOTE: There is no FINAL EXAM for this COURSE**

Outside of Class Activities Announced Throughout Semester

You will receive suggestions throughout the semester for campus wide opportunities that provide extra credit.

General Course Policies

BRING YOUR LAPTOP OR TABLET TO EVERY CLASS SESSION. These technology tools will enable you to complete in-class activities, quizzes on Blackboard administered during class time, as well as

BE ON-TIME TO CLASS. Class will begin promptly each day. To encourage on-time arrival to class, there will be a series of unannounced quizzes taking place in the first 5-10 minutes of the class period

Quizzes: UNLESS OTHERWISE ANNOUNCED IN CLASS - Students can expect quizzes on a regular basis. Quizzes will take place DURING CLASS meeting times and OUTSIDE class meeting times. Most quizzes will be launched on Blackboard and have limited access time periods for completion.

PRE-CLASS Assignment: Please make sure to bring hard copies (print outs) of all pre-class activities assigned in preparation of in-class activities and discussions. These pre-class assignments are necessary to promote effective **In-Class Activities / Exercises.**

In-Class Activities / Exercises: There will be a series of GRADED in-class activities and group exercises. These graded activities cannot be made up without prior notification from the student and consent by the professor. If you know you are going to be away on an excusable absence, please make sure to notify the instructor at least one week in advance to see if there are any planned graded class activities. **ALL EXCUSED CLASS ACTIVITIES, HOMEWORK, AND QUIZZES MUST BE MADE-UP WITHIN 7 DAYS OF THE OCCURRING DATE.**

TESTS: The 2 tests are administered through **Blackboard as scheduled on the syllabus**. These tests will not utilize our classroom location and can be taken *anywhere you have a secured access point to Blackboard*. **TESTS ARE ONLY OFFERED DURING THE NORMALLY SCHEDULED CLASSTIME.**

Instructor Absences: The instructor of this course also acts as the Senior Associate Dean for Globalization for the Purdue Polytechnic and serves as a University Global Fellow. Therefore, we may experience unanticipated changes to the schedule. Please monitor Blackboard and your official Purdue Email for notices from the instructor.

Use of Blackboard and other electronic communications: All course material and related information will be provided on Blackboard. Please be sure to check announcements on a regular basis. Be sure to use your assigned Purdue account as your official email. Blackboard notifications often times do not forward to other email accounts because they are detected as spam since they come from a server generated source.

NAME CARDS:

Please be sure to bring your name card tents each week so that we can foster more faculty – student interactions. Sometimes EXTRA Credit can be earned by having your name card with you in class.

Calendar: The weekly course topics and assignments listed in the syllabus will be followed. In case any changes need to be made, email and in-class announcements will be utilized to communicate these changes.

Violent Behavior Policy

Purdue University is committed to providing a safe and secure campus environment for members of the university community. Purdue strives to create an educational environment for students and a work environment for employees that promote educational and career goals. Violent Behavior impedes such goals. Therefore, Violent Behavior is prohibited in or on any University Facility or while participating in any university activity. Below is Purdue's policy prohibiting violent behavior. See the following website for additional information: http://www.purdue.edu/policies/pages/facilities_lands/i_2_3.shtml

Weapons Possession on Campus

The possession, use, or distribution of any explosives, guns, or other deadly or dangerous materials or weapons reasonably calculated to cause bodily injury is prohibited in University Facilities. See the following websites for additional information http://www.purdue.edu/policies/pages/facilities_lands/i_4_1.html Including the Active Shooter Awareness video at <https://www.purdue.edu/securepurdue/police/video>

Academic Dishonesty

It is expected that each student will turn in original work for this class, and will not copy from, or utilize other sources such as past or present coursework from other classes, students, term paper files, old tests, etc... Unless the instructor has previously announced that you may work in groups, it is assumed that all the work you do must be your own. If the instructor has not announced the availability of questionable study materials, you must assume that they should not be used. Failure to abide by these policies will result in a lowering of your final grade, and may even be cause for failing the class. Purdue prohibits "dishonesty in connection with any University activity. Cheating, plagiarism, or knowingly furnishing false information to the University are examples of dishonesty." [Part 5, Section III-B-2-a, University Regulations] Furthermore, the University Senate has stipulated that "the commitment of acts of cheating, lying, and deceit in any of their diverse forms (such as the use of substitutes for taking examinations, the use of illegal cribs, plagiarism, and copying during examinations) is dishonest and must not be tolerated. Moreover, knowingly to aid and abet, directly or indirectly, other parties in committing dishonest acts is in itself dishonest." [University Senate Document 72-18, December 15, 1972]

Honor Pledge

"As a Boilermaker pursuing academic excellence, I pledge to be honest and true in all that I do. Accountable together – We are Purdue."