

# PURDUE POLYTECHNIC, Purdue University

## TECH 33000

### TECH 33000 – Technology and the Global Society

#### Course Syllabus

SPRING 2020 REVISED: MARCH 12, 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](mailto:rfcox@purdue.edu)

For an Appointment contact Misty Clugh at [mclugh@purdue.edu](mailto:mclugh@purdue.edu)

Graduate TA: Aparajita Jaiswal, [jaiswal2@purdue.edu](mailto: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? <b>IDI Profile Assessment Survey Launches</b>	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 <b>IDI ASSESSMENT SURVEYS DEADLINE</b>		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
<b>7</b>	<b>Tues- Feb 25</b>	<b>TEST #1 – Via Blackboard</b>		
	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	<b>ROOM RELOCATION</b>	<b>WALC 1018</b>

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
<b>10</b>	<b>Mar 17-19</b>	<b>Spring Break!</b>		
11	Tues – Mar 24	Review of Global Challenges Using SDG	Voice over PowerPoint	SDG Homework submitted to Blackboard
	Thurs – Mar 26	Sustainable Development Guidebook	Voice over PowerPoint	Global Challenges Assignment due on Blackboard
12	Tues – Mar 31	Healthy City Design – Automobile Dependent America	Voice over PowerPoint	Pre-class exercise on Blackboard
	Thurs – Apr 2	Global Awareness – Individual Impacts on Climate Change	Commuter survey	
13	Tues – Apr 7	Current Global Events are Due -Please See BLOG Discussions for each topic on Blackboard and respond with comments as indicated		Current Event Major Assignment submitted to Blackboard
	Thurs – Apr 9	Current Global Event Presentations Due on Blackboard 3-4 minute individual video reviewing your current event response		Individual Videos due on Blackboard
14	Tues – Apr 14	Current Global Event Watch and Class Assignment #1 -Please see video links provided		Assignment due on Blackboard
	Thurs- Apr 16	Current Global Event Watch and Class Assignment #2 -Please see video links provided		Class Assignment
15	Tues, Apr 21	Fake News and Class Assignment -Please see video links provided		Class Assignment
	Thurs -Apr 23	<b>TEST #2 – Via Blackboard</b>		
16	Tues – Apr 28	Course Debrief - Your Individual Reflection Assignments are Due on Blackboard – prepare a 2-minute highlight video of your top two take-aways from TECH 330	Final Reflection Assignments are due on Blackboard	2-minute video uploaded to Blackboard
	Thurs – Apr 30	Close Out Video – Course Debrief by Dr. Cox		Complete course evaluations

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

## REVISED General Course Policies (March 12, 2020)

**PRE-CLASS Assignment:** Please make sure to submit all pre-class activities assigned in preparation of watching presentations on Blackboard

**In-Class Activities / Exercises:** There will be a series of GRADED homework or class assignments to go along with PowerPoint lectures. Please complete these class assignments and submit where appropriate / indicated on Blackboard.

**TESTS:** The 2 tests are administered through **Blackboard**. **TEST 2 WILL BE ANNOUNCED AND ADMINISTERED DURING A PRE-SET TIME BLOCK OF 10:30 AM – 12:30 PM ON THURSDAY- APRIL 23.**

**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.

**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.

### **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."