

TECHNOLOGY – TEC 5173 – GLOBAL TECHNOLOGY (3:0:3)

Professor: Todd Bruns **Office Hours:** W 1:00pm to 3:00pm **Contact:** 581-8381 tabruns@eiu.edu

Catalog Course Description: A study of global technology as affected by factors such as social-cultural structures, economic conditions, governmental decisions-making, and corporate-managerial strategies. The emergence of technology from its beginning to its present status will be the common topic for all reading, writing and discussion.

Objective: The purpose of this course is to develop an awareness of the interaction relation between technology and the development and direction of society.

- *Technology Innovation.* Analyze the transformational impact of new and emerging technologies in the context of global cultures. Evaluate new technology adoption, opportunities and risks, barriers to implementation, and technology life cycles.
- *Organizational Culture.* Identify and analyze the human resource issues in global organization including but not limited to communication, diversity, culture, ethics, and leadership.
- *Technology and Society.* Critique the transformational impact of new and emerging technologies on lifestyle choices and cultures. Relate emerging technologies with their impacts, implications, costs, and benefits to global society

Text: Markert, L.R. and Backer, P.R. (2010). Contemporary Technology, 5th ed. Tinley Park, IL, Goodheart-Willcox Publisher.
 Ferraro, G.P. (2002). The Cultural Dimension of International Business, 4th ed. Upper Saddle River, New Jersey: Prentice Hall
 Readings provided on the Learning Management System (LMS)

Course Outline: The following is a general course outline of the topics and material that will be covered in the course. Additional information will be provided in the Learning Management System (LMS).

Week	Date	TOPIC
1	Aug. 22	Introductions/The Tipping Point/Diffusion of Innovation/Three Rules of Epidemics
2	Aug. 29	Cultural Anthropology Assignment 1: Library Research Worksheet
3	Sept. 5	LABOR DAY: No Class Complete Assignment 1 and Avoiding Plagiarism module
4	Sept. 12	Communicating Across Cultures
5	Sept. 19	Contrasting Cultural Values
6	Sept. 26	Negotiating Across Cultures
7	Oct. 3	Coping with Culture Shock Optional: Submit Draft of Individual Formal Paper
8	Oct. 10	(mis)Information Technology Assignment 2: In-class Survey/Poll
9	Oct. 17	Biotechnology Individual Formal Paper Due
10	Oct. 24	Medical Technology
11	Oct. 31	Appropriate Technology. Form Groups & Select Topics for Presentations
12	Nov. 7	Technology Transfer
13	Nov. 14	Technology, Social Change, and the Stability of Social Institutions
14	Nov. 21	THANKSGIVING BREAK: No Class, No Assignments
15	Nov. 28	Traditional Social Institutions Assignment 3: Peer Review and start Presentations
16	Dec. 5	Developing Global Managers Presentations
Finals	Dec. 12	Final: "Here I Stand"

Evaluation Method (Final Grade based on the points available during the semester):

- Discussion Boards – Modules (14) - 140 points A = 90% of points
- Weekly 1 Page Journal Papers (14) - 140 points B = 80% of points
- Individual Formal Paper (1) - 35 points C = 70% of points
- Group Presentation (1) - 35 points D = 50% of points
- Assignments (3) - 30 points
- Final Exam/Paper "Here I Stand" - 20 points

Make sure you save copies of all your work, test, and assignments. All items are due at the assigned times. A penalty of 10% per day for late assignments will be enforced, with a maximum of 50% off.

Absences: This course is heavily dependent on class participation. If you are ill, please do not come to class, however, absences must be pre-approved before class to be excused:

- Excused absences: 1st time – 100% points, 2nd time – 80% points, 3rd time – 50% points, 4th & more – 0 points
- Un-excused absences: 0 points

Course Requirements and Methods of Success:

1. Complete assigned readings, assignments, quizzes and exams, including both activities and homework.
2. Independent study of the textbook and other relevant material will be necessary
3. Gather, analysis, and present the necessary collection of data as prescribed by the instructor.
4. Attendance: you will struggle if you do not attend; failure to do so can severely hurt your grade and is easily noticed upon assignment, report, and exam grading. Emergencies are understandable but not the norm.

Discussion Board: When we do not have class in person, you must participate in the threaded discussions on the D2L. You must respond to both Discussion Board questions for the week, and reply to AT LEAST two other students's posts. Comments must be focus on the topic and be a worthy representation of an adult learning as determined by the facilitator.

Reflection Papers: Students will be asked to respond to the assigned reading and lecture from their own personal and professional experience and frame of reference. These short response papers should express agreement and/or disagreement with the concepts found in the assigned readings. A review of other professional journals or articles may be included as part of these response papers, but the important thing is that the paper reflects your OWN thoughts and writing.

Individual Paper: The individual paper is a formal writing exercise. You will be required to find a current article (3 years or newer) and write a 1-page synopsis of that article. You must get approval of the article ahead of time. Your writing must be YOUR OWN and you must cite the article both within the paper and provide a bibliographic citation at the end of the paper.

Group Presentation (1): The presentation is based on a technology topic of your choice. The recorded presentation will be 5 to 7 minutes in length. Presentations should provide the review of three articles associated with the topic your group has chosen. Please adhere to the ideas provided in the syllabus under objective mentioned above.

Assignments (3): These individual assignments will be completed randomly during the semester.

Final Exam/Paper: This will be a one (1) essay question exam based on the theme, "Here I Stand" and focused on a topic discussed or read during the course. This will be a 3-page paper reflecting your own personal and professional experience and frame of reference. Resources include papers, research paper, Internet, and textbook.

Academic integrity - Students are expected to maintain principles of academic integrity and conduct as defined in EIU's Code of Conduct (<http://www.eiu.edu/judicial/studentconductcode.php>). Violations will be reported to the Office of Student Standards.

Students with disabilities - If you are a student with a documented disability in need of accommodations to fully participate in this class, please contact the Office of Student Disability Services (OSDS). All accommodations must be approved through OSDS. Please stop by Ninth Street Hall, Room 2006, or call 217-581-6583 to make an appointment.

The Student Success Center - Students who are having difficulty achieving their academic goals are encouraged to contact the Student Success Center (www.eiu.edu/~success) for assistance with time management, test taking, note taking, avoiding procrastination, setting goals, and other skills to support academic achievement. The Student Success Center provides individualized consultations. To make an appointment, call 217-581-6696, or go to 9th Street Hall, Room 1302.

COVID-19 Practices and Expectations on EIU's Campus -The University is asking all of us to take precautions to prevent the spread of COVID-19. EIU's policy is intended to protect all of us on campus, as well as the community, your roommates, and loved ones at home. All students, regardless of vaccination status, are required to wear face coverings during class. Students may sit in any classroom seat where they are most comfortable. All reasonable efforts will be made to provide modifications to classroom seating arrangements if needed; however, this may not be possible in all situations. Students should not attend class if they are ill and should consult the student health clinic if they have any COVID-19-like symptoms. EIU's COVID-19 campus practices including face coverings, when and where required, avoiding campus if sick, sanitizing surfaces, social distancing, and hand washing all of which are based on the best available public health guidance. Everyone in the campus community is responsible for following practices that reduce risk. If you have a health condition that may require a potential classroom accommodation or variation from current EIU COVID-19 policy, please contact Student Disability Services (studentdisability@eiu.edu or 581-6583) to determine what options may be available based on current CDC guidance. If you are unable to follow EIU's COVID-19 guidelines, you may be asked to leave class or office hours as compliance with public health guidance is essential. Accommodations for instruction and make-up work will be made for students with documented medical absences according to IGP #43 [<https://castle.eiu.edu/auditing/043.php>]. To view the latest EIU COVID-19 related information and any policy updates, please visit <https://www.eiu.edu/covid/>.