

<b>TECHNOLOGY – TEC 5173 – GLOBAL TECHNOLOGY (3:0:3)</b>
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**Professor:** Todd Bruns    **Classroom:** Class meets Monday evenings 6 PM to 8:30 PM in Klehm Hall 4431  
**Office Hours:** Wednesdays 9-11 AM Booth Library Research Help Desk or by appointment  
**Contact:** 581-8381 [tabruns@eiu.edu](mailto: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, 5<sup>th</sup> ed. Tinley Park, IL, Goodheart-Willcox Publisher.  
                   Ferraro, G.P. (2002). The Cultural Dimension of International Business, 4<sup>th</sup> 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).

CLASS	TOPIC
1/7	Science, Technology and Society (STS)/Cultural Anthropology and International Business
1/14	The Tipping Point / Diffusion of Innovation / George & “New” George
1/21	<b>Martin Luther King, Jr. Birthday Holiday – NO CLASS</b>
1/28	Communicating across Cultures: Language
2/4	Contrasting Cultural Values
2/11	Cultural Approach to Business: Negotiating, Development, and Culture Shock
2/18	Coping with Culture Shock
2/25	Information Technology / <a href="#">Individual Presentations</a>
3/4	Bio-Technology
3/11	<b>Spring Break – NO CLASS</b>
3/18	Appropriate Technology
3/25	Technology Transfer
4/1	Breakthroughs in Medicine / <a href="#">Group Presentations</a>
4/8	Social Response to Technological Change
4/15	The Traditional Social Institutions / <a href="#">Individual Presentations</a>
4/22	Global Managers: The Technologist’s Responsibilities
4/29 Final	“Here I Stand”

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

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|------------------------------------------------|--------------|-------------------|
| • In-class Discussion - Weekly (14)            | - 140 points | A = 90% of points |
| • Investigation Papers (IP) - Weekly (14)      | - 140 points | B = 80% of points |
| • Individual Presentation/Paper (IPP) (2 each) | - 30 points  | C = 70% of points |
| • Group Presentation (GP) (1)                  | - 20 points  | D = 50% of points |
| • Assignments (A) (5)                          | - 50 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.*

**Assignment Naming Conventions:** All assignments and exams should use this naming convention for the work submitted:

- Name of submitted assignment: Lastname.Enumber.AssignmentName.Date
- Example: Bruns.E12345678.InvestigativePaper08.042476

**Course Requirements and Methods of Success:**

1. Complete assigned readings, assignments, quizzes and exams, both activities and homework.
2. Independent study of the textbook and other relevant material will be necessary
3. Gather, analyze, 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.

**In-class Discussion (Weekly):** Participation in class discussion is essential. Discussion must focus on the topic and be a worthy representation of an adult learning as determined by the instructor. On occasion, class discussion may take place on the discussion board on D2L.

**Investigation Paper (Weekly):** Investigate, review, develop, and present a written one page paper discussing the concepts and ideas of the weekly readings and discussions. Students will be asked to respond to the assigned reading 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.

**Individual Paper and Presentation (2):** Individual Presentation and Paper are based on topics previously discussed during the course. You will be required to find a current article (3 years or newer) and write a one page synopsis of that article, in addition to giving a 2 minute presentation.

**Group Presentation (1):** The presentation is based on a technology topic of your choice. The 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.

**Assignment (5):** 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 2 to 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](http://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.

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