

ENGR 1030 – Spring 2020
Technological Systems
Monday and Wednesday including Canvas learn

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Email:

Office: ETEC Department

Office Hours: Tuesday and Thu 2pm to 3pm or by
Appointment

DESCRIPTION:

Introduction to technological systems with focus on past, present and future trends and influences and impact of the systems of technology on society. Satisfies the Discovery requirements of the University Core Curriculum.

CANVAS

Together with the syllabus, *Canvas* is used as “home base” for reading assignments, writing assignments, student questions, and grade recording. Sign into *Canvas* often for assignments and announcements.

*****All Assignments and announcements from the instructor will be sent via Canvas. *****

COURSE LEARNING OUTCOMES:

Upon completion of this course, students will be able to do the following activities, given the appropriate parameters:

ATTENDANCE POLICY

Class attendance is mandatory. Regular attendance and participation is expected. Arrive on time so class can start promptly. Students are responsible for all information dispersed in class and all assignments due.

GRADE CALCULATION

Each student will be responsible for all assignments. Grades will be earned based on successful completion of the following:\

<u>Class Requirement</u>	<u>Points</u>
Research reports(2@5% each)/Class Presentations by Group	10%
Written Reports (4@ 5% each)	20%
Quizes	20%
Exams /2 @20% each	40%
Resume and Cover Letter	5%
Career Fair Attendance	5%
Total	100%

ASSIGNMENTS

All assignments must be submitted via CANVAS by **midnight of the due date** **Late assignments will not be accepted.**

CELL PHONES

Use of cell phones, whether talking or texting is prohibited during class. Cell phones should be turned off and put away before class begins unless approved in advance by the instructor.

LAPTOPS

Students must obtain permission from the instructor before using a laptop in class. Students who are given permission, but use the laptop for any purpose, other than to take lecture notes, will lose that privilege.

ADA STATEMENT

The University of North Texas is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act of 1990 (ADA) as amended, pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As faculty members, we are required by law to provide “reasonable accommodations” to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at www.unt.edu/oda. Also, you may visit the Office of Accommodation in the University Union or call (940) 565-4323.

CHEATING AND PLAGIARISM

Students caught cheating or plagiarizing will receive a "0" for that particular assignment . Additionally, the incident will be reported to the Office of Student Rights and Responsibilities for further penalty. According to the UNT catalog, the term "cheating" includes, but is not limited to: a. use of any unauthorized assistance in taking quizzes, tests, or examinations; b. dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; c. the acquisition, without permission, of tests or other academic material belonging to a faculty or staff member of the university; d. dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s); or e. any other act designed to give a student an unfair advantage. The term "plagiarism" includes, but is not limited to: a. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; and b. the knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

ACCEPTABLE STUDENT BEHAVIOR

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at www.unt.edu/csrr.

Topics Covered include:

Introduction and Course Objectives

Technology and Technology Systems Overview

First Industrial Revolution

Second Industrial Revolution

Third Industrial Revolution

Fourth Industrial Revolution

Technology Development and Application Challenges

Technology and Society

Fields of study/Training and Job Requirements challenges

Career Decision Making

Continuous Learning (Education and Training)