DOANE UNIVERSITY

SYLLABUS

Course Title	History and Philosophy of Technology
Course Number	PRE 231
Number of Credits	3
Course Dates	1/14/19 – 3/9/19
Instructor	Steven Millet
Email Address	steven.millet@doane.edu
Office Hours/Availability	I am available before or after class. Email anytime. Immediate response between 10 AM – 12 AM daily, 10 hour delay thereafter
Phone Number	Phone texts can be sent directly to my Doane Email account. Just be sure you include your name and course number.
Textbook Information: (e.g. title, edition, publisher, ISBN)	Required Texts: 1. Technopoly by Neil Postman, Knopf Publishing Group, 1993, ISBN-13: 978-0679745402. 2. Society & Technological Change, 8th Ed., by Rudi Volti, Worth Publishers, Inc, 2017, ISBN: 9781319058258
Additional Course Materials	Flash (thumb) Drive for saving backups

Course Description	This course focuses on aspects of the history of technology; the moral and social dilemmas that past technologies gave rise to (even when those dilemmas were not clearly acknowledged); the potentials of selected current technologies; and the moral and social dilemmas that those technologies raise. Students study the ways major thinkers have tried to deal with the dilemmas technologies have posed, and are asked to think through their own responsibilities concerning the technologies discussed.
Foundational Area of Knowledge	In Search of Meaning and Values Doane students will consider the importance and significance of what it means to be human. Students will work to: ● consider ways that humans have come to understand the meaning of existence ● evaluate the philosophical or spiritual implications of human actions and policies ● develop an understanding of their ethical values
Program Outcomes	a. Develop analytical and critical thinking skills to gather and analyze information, to identify and solve problems, to determine potential outcome alternatives, and to make appropriate decisions b. Recognize ethical issues involved in information technology and its management c. Understand information science and technology concepts and processes, their relationships to each other, and their relationships to existing and emerging computing technologies d. Develop the confidence and the skill to learn independently and apply existing and emerging computing technologies and processes e. Develop the confidence and the skill to solve an unknown problem and to efficiently research, learn, and apply a previously unknown topic or skill to a novel problem- solving situation
Course Learning Outcomes/Objectives	1. Understand why we should study the history of technology. 2. Have a general understanding of present and past philosophical thought. 3. Understand the relation between society and technology. 4. Be familiar with some of the popular themes facing society today.

	5. Understand current and past issues that effect the moral and ethical fiber of society (and individuals). 6. Develop their own views on philosophical topics facing today's society. 7. Be familiar with the major technological advances that have taken place over the last 250 years. 8. Understand how the future fits into today's issues.
Technology Requirements	https://www.doane.edu/faq/minimum-computer-requirements

Course Schedule

Week or Module	Topic	Content	Assessments Matched to Learning Outcomes	Due Date & Time
1	Postman	Course Overview	Read Technopoly	
2	Postman	Philosophical Thought and Technology	Assignment #1 (LO1)	Week 3 by 6 p.m.
3	Postman	How Far Has Society Advanced in the Last 250 Years?	Assignment #2 (LO4)	Week 4 by 6 p.m.

4	Midterm Exam	Review		
5	Volti	The History of Technology 1770 – 1972 and Beyond	Assignment #3 (LO2)	Week 6 by 6 p.m.
6	Volti	Technology and the Future	Assignment #4 (LO8)	Week 7 by 6 p.m.
7	Volti	Philosophical Dilemmas	Project Work Time During Class (LO6)	
8	Final Exam		Project Presentations During Class Time	

Grading Assessments

Type of Assessment	**Number of Assignments**	**Percent of Total**
Exams (Essay)	2	40
Class Discussion Activities	4	30
Class Project	1	20
Class Participation	Weekly	10

Grade Scale

A = 94-100% A- = 90-93% B+ = 87-89% B = 84-86% B- = 80-83% C+ = 77-79%
C = 74-76% C- = 70-73% D+ = 67-69% D = 64-66% D- = 60-63% F= 59% or below

Participation Policy	A student is expected to be prompt and regularly attend on-ground classes in their entirety. Regular engagement is expected for on-line courses. Participation in class discussions is an integral part of your grade.
Study Time	Expectation of the amount of time the course requires students to spend preparing and completing assignments. Typically, students could expect to spend approximately 12 hours a week preparing for and actively participating in this 8-week 3 credit hour course. This actual time for study varies depending on students' backgrounds.
Late Work	Late work will be accepted, if for an excused reason with no reduction in grade.
Submitting Assignments	Assignments submitted during class time.
Communication Policy including Assignment Feedback	Emails will be responded to by the end of the day M - F. Assignments will be returned the week following their due date. Assignments will be returned or assignment grade available one week after they are submitted for grading.
Academic Integrity Policy	New Academic Integrity Policy to be released AUTM 2018
Academic Support	Please contact academicsupport@doane.edu https://www.doane.edu/graduate-and-adult/academic-support
Disability Services	https://www.doane.edu/disability-services Doane University supports reasonable accommodations to allow participation by individuals with disabilities. Any request for accommodation must be initiated by the student as soon as possible. Each student receiving accommodations is responsible for his or her educational and personal needs while enrolled at Doane University. Please contact 402-467-9031 for assistance.
Military Services	https://www.doane.edu/graduate-and-adult/military
Anti-Harassment Policy	http://catalog.doane.edu/content.php?catoid=5&navoid=452

Grade Appeal Process	http://catalog.doane.edu/content.php?catoid=5&navoid=238
Credit Hour Definition	Doane University follows the federal guideline defining a credit hour as one hour (50 minutes) of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks (one semester), or the equivalent amount of work over a different time period (e.g., an 8-week term). This definition applies to courses regardless of delivery format, and thus includes in-person, online, and hybrid courses (combination of in-person and online). It also applies to internship, laboratory, performance, practicum, research, student teaching, and studio courses, among other contexts.
Syllabus Changes	Circumstances may occur which require adjustments to the syllabus. Changes will be made public at the earliest possible time.