

Course Syllabus

Spring 2019

AT 472 – History of Technology

3 credit hours

Science and Technology Center

Monday & Wednesday

11:00 A.M. – 12:15 P.M.

Instructor: *Antonio Brownlow*

(662) 254-3411
abrownlow@mvsu.edu

Catalog Description: (From 2017-2019 Undergraduate Catalog)

AT 472 – History of Technology – A study of prominent leaders, agencies, and movements that contributed to the development of our technological world. Special emphasis will be given to the economic, philosophical, social, and cultural factors which influenced these developments. Prerequisites AT 374. (3)

Lecture 3 hours, Total 3 hours per week.

Purpose of this Course: This course is designed to cover man's technology discoveries, inventions, and triumphs from before civilization to modern day technology. This course is also an attempt to show the technological progress throughout history and its relationship to technologies covered in this department.

Textbooks: *No textbook is required for this course*

Course Competencies: Upon completion of this course and successfully completing all requirements student should be able to:

- Give a clear and concise definition of Technology
- Identify tools used during prehistoric times
- Describe technology used for agricultural purposes during the Neolithic Revolution
- List and explain technological advancements made during the Renaissance period
- List and explain several major technological developments that transpired during the Industrial Revolution
- Discuss the economic impact the "Second Industrial Revolution" had on the United States
- Explain the "Manhattan Project and the bombing of Hiroshima and Nagasaki Japan"
- Explain the "Space Race"
- Discuss analog, electronic, and digital technology
- Explain the role that values play in a total quality setting
- Explain the "Information Age"

Course Requirements for AT 472:

A number of instructional strategies are used in this course including lecture, collaboration, discovery learning, research projects (written document), and presentation. Students are encouraged to use critical thinking, deductive reasoning, problem solving and reflection to develop an understanding of the material covered.

Course requirements include the following:

- pens and paper at all times
- complete all required assignments/presentation by date assigned
- be prepared to take quiz at anytime (will not necessarily be announced)
- participate in questions and answer sessions
- read all presented reading materials and become extremely knowledgeable of this information after reading, present information as requested.

Office Hours and Responses to Email and Telephone Inquiries: Office hours are from 8:30 A.M. to 4:00 P.M. Monday through Friday. However, hours posted for class are the only hours I will not be available in my office. Specific times may be arranged with the instructor by calling 254-3410 or 3411.

Grade Standards and Weights for AT 472:

AT 476	
	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
F	59 and below

Class Attendance and Constructive Participation	10%
Presentations	20%
Research Paper	20%
Quizzes(<i>Pop</i>) and Tests	20%
Midterm and Final Exam	20%
Homework Assignments	10%

Class Policies:

Attendance: Students are expected to attend class. ET 472 is a three (3) semester hours course therefore, a student can only accumulate four (4) none excuse absents before they automatically lose **(5) five points** from their final grade. Any student that has six (6) unexcused absentees will automatically drop one letter grade. Any student with eight (8) or more absentees will automatically fail this class. Students are responsible and accountable for all information in lectures and all modifications to assignments presented in class. **If a student misses a class, he or she is responsible for the material missed.**

Punctuality: Every student is expected to practice professional time management skills and report to class on time. Students who arrive within the first two (2) minutes are considered to be on time. All students who show up after the two (2) minute allotted time are considered late. A student who accumulates three (3) late arrivals will be assigned one (1) absentee. All students who show up (10) ten minutes late are considered absent, but are allowed to stay in the class. Individual students who exhibit a pattern of habitual tardiness may be refused entrance to the class on the occasion of a late entrance.

Disruptive Behavior: Using cell phones in my class is considered disruptive behavior.

- **The use of cell phones or smart watches during class is considered disruptive behavior. Students caught using cell phones or smart watches may have points deducted from their next test or presentation (also see electronic devices below).**

- **Effective learning environments require the attention and positive contribution of both student and teacher. Sidebar or loud conversations, jokes, laughter, pranks, etc., between and among students in the classroom while class is in session are disruptive to the learning environment.**
- **No food or drinks are allowed in this classroom.**
- **Students smelling like marijuana or alcohol is also considered disruptive behavior. If students enter the class reeking of one of these smells they will be asked to leave the class and marked absent.**
- **Wearing durags, hoodies (on your head) or bonnets is not permitted in this class. Also, habitually wearing hats is prohibited.**

Professional Language/Respect: Professional language, conduct, and respect for peers, the instructor, and the learning process are a basic requirement.

Electronic Devices: All **cell phones** must be placed on silent prior to entering the class. Habitual failure to follow the rule regarding **cell phones** may result in a student being asked to leave class.

Make-up Work: Make-up work/tests are not routinely available. **No make-ups will be given for tests or assignments unless an official documented excuse is received.**

Emergencies do occur. In the event of an emergency such as illness, family responsibilities, or death in the immediate family, documentation of the situation may be requested. Upon receipt/approval of the excuse, the instructor will schedule a date to complete the test or allow an assignment to be turned in. Rescheduled exams may contain different questions from the original exam; however, the same material content will be covered. Assignments will only be accepted as called for by the instructor, on the date due. If an assignment is delivered late, a scoring penalty will be applied.

Honor Code: **Any work submitted is expected to be yours. Dishonesty (cheating) in any form will not be tolerated and will be handled by your instructor. This means that anyone caught cheating or allowing another student to cheat will have points taken off or receive a zero for the assignment. Plagiarizing is also prohibited. Any student caught plagiarizing will receive a zero on their assignment.**

Accommodating Special Needs Students: Mississippi Valley State University is committed to providing reasonable accommodations for students with a documented disability. If you feel you are eligible to receive accommodations for a covered disability (medical, physical, psychiatric, learning, vision, hearing, etc.) and would like to request it for this course, you must be registered with the Services for Students with Disabilities (SSD) program administered by University College. It is recommended that you visit the Disabilities Office located in the Social Science Building Office 105 to register for the program at the beginning of each semester. For more information or to schedule an appointment, please contact Mrs. Kathy Brownlow, via phone or email at 662-254-3443 or kbrownlow@mvsu.edu