

# Course Syllabus

Spring 2019

**ET 447 – Industrial/Commercial Construction Methods**

**3 credit hours**

**Science and Technology Center**

**Tuesday & Thursday 1:00 P.M. - 1:15 P.M.**

**Instructor:** Travarus Horton

(662) 254-3890  
[travarus.horton@mvsu.edu](mailto:travarus.horton@mvsu.edu)

---

## **Course Description: (From 2017-2019 Undergraduate Catalog)**

**AT 447 – Industrial/Commercial Methods** – This course prepares students for the industrial and commercial construction industry. Topics to be covered include building codes, commercial sites, construction documents, mechanical systems, and construction safety for commercial and industrial buildings. Prerequisites ET 222 (3), ET 223 (3) and ET 334 (3)  
Lecture 3 hours, Total 3 hours per week.

**Purpose of this Course:** The purpose of this course is to train students in the area of commercial and industrial construction management. Students will be introduced to all facets of construction and industrial construction industry in an effort to become project managers in this industry.

This class is designed to help students prepare for entry-level positions in the construction industry. Areas of study include building codes, the construction site, construction documents, mechanical systems and construction safety. The goal of the program is to help the student acquire skills that can be used to enter the workplace and be a versatile member of a construction team.

**Textbooks:** Construction Materials, Methods, and Techniques 4th Edition: Authors Eva Kultermann and William P. Spence ISBN: 978-1-3050-8627-2

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

- Identify the roles and challenges associated with the construction industry
- Identify different properties of materials
- Demonstrate knowledge of foundations
- Explain issues in masonry
- Explain function of wood, plastics and composites
- Explain the skills associated with ferrous metals and nonferrous metals
- Identify the use of fire suppression systems
- Identify the types of finishes
- Explain the cause of moisture
- Explain the role of special construction and conveying

**NOTE:** Additional assignments (SLOs) may be made upon objectives of course as they relate to students needs to gain an expected level of knowledge of the subject matter and the skills exemplified by the students.

## Course Requirements for ET 447:

A number of instructional strategies are used in this course including lecture, collaboration, discovery learning, research project and individual field work. 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:

- Course textbook
- 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 the text and become extremely knowledgeable of assigned chapters after reading, present information to small groups in the class (jigsaw). See an explanation of the jigsaw method of instruction at the end of syllabus.

**Office Hours and Responses to Email and Telephone Inquiries:** Office hours are \_\_\_\_\_. Specific times may be arranged with the instructor by calling 662) 254-3890.

## Grade Standards and Weights for ET 447:

ET 447	
A	90 - 100
B	80 - 89
C	70 - 79
D	60 - 69
F	59 and below

Class Attendance/ Participation	20%
Assignments	20%
Tests	20%
Midterm & Finals	20%
Project/Field Work	20%

## Class Policies:

**Attendance:** **Students are expected to attend class.** ET 447 is a three (3) semester hours course therefore, a student can only accumulate three (3) none excuse absents. Excessive absences will have a negative effect upon your final course grade. See grade standards and weight section. Past experience shows the performance of students who do not attend class is less satisfactory than is the performance of students who do attend 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. **No make-ups will be given for tests unless an official documented excuse is received.**

**Punctuality:** Every student is expected to practice professional time management skills and report to class on time. Students who are late three times will be assessed one absentee. Students who are later by more than ten minutes will be counted absented but will be allowed in class. Students who arrive late are expected to take a seat nearest to the door and quietly sit down without disturbing the class.

**Disruptive Behavior:** 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. Students disrupting the class/learning environment in such a manner are subject to sanctions per the student handbook. **Cell phone usage is not allowed in class. All phones must be placed on vibrate or silent upon entering class. Students who are caught using cell phones will be deducted 10 points from their next scheduled exam.**

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

**Make-up Work:** Make-up work/tests are not routinely available. **No make-ups will be given for tests 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. Rescheduled exams may contain different types and numbers of questions. 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 following the "*Policy and Procedures on Cheating and Plagiarism*" as published in the Mississippi Valley State University Undergraduate Catalog. All tests will be monitored.

**Other:** All other student conduct policies are in full effect as explained in the Mississippi Valley State University Undergraduate Catalog.

**ADA Statement:** 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](mailto:kbrownlow@mvsu.edu).