

Course Syllabus

Spring 2019

ET 102 – Technical Drawing

Old Industrial Technology Building
hours

3 credit

Monday, Wednesday & Friday 10:00 a.m. – 10:50 a.m.

Instructor: Travarus Horton

(662) 254-3890
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Catalog Description: (From 2017-2019 Undergraduate Catalog)

ET 102 – Technical Drawing – Designed to provide proper knowledge of blueprint reading as it relates to the architectural or construction industry. Introduction to reading and interpreting working drawings for fabrication processes and associated trades. Use of sketching techniques to create pictorial and multiple-view drawings.

Lecture 3 hours, Total 3 hours per week.

Purpose of this Course: This course is designed to introduce you, the student, to concepts, practices, standards, and drafting techniques needed to read Architectural Blueprints in the design and construction fields. Upon completion of this course the student will be able to interpret working drawings including dimensions, notes, symbols, sections, and auxiliary views; and sketch pictorials and multi-view drawings.

Textbook: *Print Reading for Construction* by Walter C. Brown and Daniel Dorfmueller (seventh edition). ISBN:978-1-63126-922-6. This book is available “used” from a variety of online vendors such as Alibris.com, Amazon.com, textbooks.com and others. Be careful to order the TEXTBOOK, not the PRINT SET that accompanies the book!

Student Learning Outcomes: As a result of this course the learner should be able to:

- Identify the standard measuring tools and scales on drawings.
- Describe the types of lines and symbols by appearance and purpose.
- Identify fundamental drawing practices recommended for standard construction drawings.
- Describe drawing sheet sizes and formats.
- Identify marginal information and zoning methods for drawing sheets.
- Identify the elements of the title block as defined by construction standards
- Define terms related to the geometry of construction drawings.

Course Requirements for ET 102:

The student must:

- Complete all assignments accurately and on time
- Attend class regularly and on time
- Complete a writing assignment
- Successfully complete the mid-term examination.
- Successfully complete the final examination.

Course Requirements for ET 102:

A number of instructional strategies are used in this course including lecture, collaboration, discovery learning, research project (written document) and individual instruction. 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
- pencil 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 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 254-3890.

Grade Standards and Weights for ET 101:

Assessment item	Percentage
Class Attendance	25%
Special Presentation	25%
Quizzes and Tests	25%
Midterm/Final Exam	25%

Letter Grade	Numeric Grade
A	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
F	Below 59

Office Hours and Responses to Email and Telephone Inquiries: Office hours are posted on the instructor's office door. Other hours may be arranged with the instructor by sending an email message to travarus.hoton@mvsu.edu or calling (662) 254-3890.

Use of Technology: Email will be the primary means of communication outside of class. Telephone calls are a secondary means of communications.

Class Policies

The following class policies are in effect throughout this course to ensure that a positive and equitable learning environment exists for all class members. Failure to follow these class policies may result in grading penalties. Policies for class include:

Attendance:

Students are expected to attend class. Any absentees will have a negative effect upon your final course grade. Attendance and class preparation is included in all EAP's. 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 – **even if a valid excuse is presented. No make-ups will be given for daily assignments. No make-ups will be given for tests.** In the unlikely event that the instructor accepts a late assignment (truly extenuating or unique circumstances) a grading penalty of 20% may apply.

Punctuality: Every student is expected to practice professional time management skills and report to class on time. Students who arrive late are expected to take a seat quietly without disturbing the class.

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

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 grading penalties.

Electronic Devices: No cellphones, iPads, iPods, etc. will not be used in class and should be turned off before you enter the classroom. **NO EXCEPTIONS!**

Make-up Work: **No make-ups will be given for daily assignments or tests.** In the unlikely event that the instructor accepts a late assignment (truly extenuating or unique circumstances) a grading penalty of 20% may apply. Rescheduled assignments 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 accepted late, a scoring penalty of up to 20% may 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 “*Academic Sanctions for Cheating or Plagiarism*” as published in the 2013-2015 Mississippi Valley State University Undergraduate Catalog. The instructor has the prerogative of lowering the grade, assigning a grade of “0” or “F” for the work submitted, assigning a grade of “F” for the entire course, or recommending another penalty, including dismissal from the University.

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

Withdrawals and Incompletes: A syllabus constitutes a contract between the student and the course instructor. Participation in this course indicates your acceptance of its teaching focus, requirements, and policies. Please review the syllabus and the course requirements as soon as possible. If you believe that the nature of this course does not meet your interests, needs or expectations, if you are not prepared for the amount of work involved or if you anticipate that the class meetings, assignment deadlines or abiding by the course policies will constitute an unacceptable hardship for you, you should drop the class by the drop/add deadline. **Incompletes will not be offered in this course.**

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.