

Course Syllabus

Fall 2018

ET 201-01 – Introduction to Architecture

CRN #10168

2211 Science & Technology Center

3 credit hours

M-W-F 9:00 – 9:50 a.m.

Instructor: Dr. Daniel Trent
Science & Technology Center

(662) 254-3414
Dan.Trent@MVSU.edu

Catalog Description:

ET 201 – Architectural Drawing I – Foundational course that presents basic architecture nomenclature, styles, concepts, and theory. Architectural drafting techniques, symbols, dimensioning, and methods of representation will be applied. Students will develop a complete set of working drawings for a one-story residential structure that will include plan views, foundation plans, floor plans, electrical layouts, mechanical layouts, elevations, door and window schedules and construction details.
Lecture 3 hours, Total 3 hours per week.

Purpose of this Course: The primary focus of this course is on residential drafting and design. We will concentrate on single story structures. Specifically, we will explore the world of architecture, learn architectural drafting fundamentals, contemplate room and space planning, develop plot plans, and examine some basic construction systems. Students will become proficient at preparing architectural working drawings using CADD software and will learn nomenclature related to the architecture profession.

Textbooks: *“Architecture: Residential Drafting and Design” 12th Edition* (2018), by Clois E. Kicklighter & W. Scott. Thomas. Goodheart-Wilcox: Tinley Park, IL. ISBN 978-1-63126-315-6
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Student Learning Outcomes: As a result of this course the learner will:

- 1) Exhibit mastery of professional skills by attending class regularly, completing and submitting assignments on time demonstrating positive attitude, strong work ethic, and taking responsibility for actions
- 2) Create working drawings for residential structures using CADD software.
- 3) Create site plans, floor plans, architectural details, and elevations for residential buildings.
- 4) Become familiar with terms and nomenclature used in architecture.
- 5) Effectively interpret blueprints of residential structures.
- 6) Become aware of careers in architecture (and drafting)
- 7) Make professional presentations.

Course Requirements for ET 201: The learner will:

- Attend class regularly and on time
- Complete all assignments accurately and on time
- Purchase the textbook
- Maintain drawings on a dedicated USB jump drive or store in “the Cloud”

Grade Standards and Weights for ET 201: All assignments must be submitted for grading by the due date. There are 8 chapter tests, 5 drawing assignments and a PowerPoint presentation that must be completed and submitted for grading in addition to the mid-term and final examination. Skills assessment based on attendance, attitude, professionalism, etc. will be included in assessing your final grade.

Mid-Term Examination. A comprehensive mid-term examination will be given half way through the semester. It will consist of questions concerning material covered in class lectures as well as a drawing exercise that will test your knowledge and skill in architectural nomenclature, print reading/interpretation.

Final Examination. A comprehensive final examination will be presented at the end of the course that will consist of questions concerning material covered in class lectures as well as a drawing exercise that will test your knowledge and skill in architectural nomenclature, print reading and interpretation.

Assessment item	%
8 Chapter Tests	50%
5 Drawings + PowerPoint	30%
Mid-term examination	10%
Final examination	10%

Letter Grade	%	Numeric Grade
A	91-100%	91 – 100
B	81-90%	81 – 90
C	71-80%	71 – 80
D	61-70%	61 – 70
F	Below 61%	Below 61

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 Dan.Trent@mvsu.edu or calling (662) 254-3414.

Use of Technology: THIS IS A WEB ENHANCED COURSE. The course web site (www.mvsuat.wordpress.com) will be the primary means of communication outside of class. The website contains a wealth of information including contact information for the professor, PowerPoint presentations used in class, handouts, assignments, due dates and more. Visit the website BEFORE CLASS to see what will be covered. Visit the website AFTER CLASS to see what was covered in the previous class.

This is a valuable resource. USE IT! www.mvsuat.wordpress.com

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 sanctions per the student handbook. Policies for class include:

Attendance:

Students are expected to attend class. Any absentees will have a negative effect upon your final course grade. Students are responsible for 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.

Punctuality: Every student is expected to practice professional time management skills and report to class on time.

Professional Language/Respect: Professional language, conduct, and respect for peers, the instructor, and the learning process are a basic requirement. This is a “G” rated course

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.

Others Attending Class: Those who are not registered for the course are not permitted to attend. This includes, but is not limited to, boyfriends/girlfriends, children, siblings, spouses, etc.

Electronic Devices: Cellphones, iPads, iPods, etc. will not be used in class and should be turned off **BEFORE** you enter the classroom. Electronic device use will result in **immediate expulsion** from the lab.

Make-up Work: **No make-ups assignments are available.** Assignment due dates are announced well in advance and are FIRM. There are no exceptions for athletic travel or other pre-planned absences. Students are encouraged to complete assignments EARLY and to submit them PRIOR TO THE DEADLINE. Assignments will only be accepted as called for by the instructor, on or prior to the due date. **No make-ups will be given for missed assignments or examinations.** An excuse from the Office of Student Affairs **DOES NOT EXCUSE the student from work or assignments missed during the absence!**

Honor Code: Any work submitted is expected to be yours. Dishonesty (cheating) in any form will not be tolerated. Cheating will result in the student(s) involved being immediately dismissed from the class and receiving a grade of "F" for the course. Cheating includes submitting someone else's work as your own or allowing someone else to submit your work as theirs. Cheating will be determined at the sole discretion of the instructor.

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

Accommodating Special Needs Students: Students with learning or physical disabilities admitted to this class will be expected to perform the same level of work at the same proficiency as students without disabilities. However, where necessary, alternative methods will be used to accommodate any learning or physical condition if it is made known to the instructor in advance. No student will be turned away from this class because of a disabling condition.

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 104 to register for the program at the beginning of each semester. If you are determined to be eligible after your confidential consultation, you will be provided with a Memo of Accommodations that must be submitted to each of your instructors.

For more information or to schedule an appointment, please contact Mr. Billy Benson, Jr. via phone or email at 662-254-3005 or billy.benson@mvsu.edu.

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.**

Tentative Due Dates

Chapter 1	Architectural Styles	August 29
Chapter 2	Basic House Designs	September 12
Chapter 6	Primary Residential Design Considerations	September 26
Mid-Term	Examination	October 3
Chapter 14 (13)	Floor Plans	October 10
Chapter 7	Planning the Living Area	October 19
Chapter 8	Planning the Sleeping Area	November 5
Chapter 9	Planning the Service Area	November 14
Chapter 23 (22)	Elevations	November 30
Storage Shed	September 7	
Shotgun House	September 19	
Power Point Presentation	September 24	
Simple House Plan	October 10	
Ranch Design	October 24	
Dream House	November 16	
Final Examination	December 2018	

ET 201 – Introduction to Architecture

ASSESSMENT SHEET

Chapter 1	Architectural Styles	___/___	___%	
Chapter 2	Basic House Designs	___/___	___%	
Chapter 6	Primary Residential Design Considerations	___/___	___%	
Chapter 14 (13)	Floor Plans	___/___	___%	
Chapter 7	Planning the Living Area	___/___	___%	
Chapter 8	Planning the Sleeping Area	___/___	___%	
Chapter 9	Planning the Service Area	___/___	___%	
Chapter 23 (22)	Elevations	___/___	___%	
Storage Shed	___/___	___%)	
Shotgun House	___/___	___%)	
Power Point Presentation	___/___	___%)	
Simple House Plan	___/___	___%)	> > > 30%
Ranch Design	___/___	___%)	
Dream House	___/___	___%)	
Mid-Term Examination	___/___	___%	> > > > > >	10%
Final Examination	___/___	___%	> > > > > >	10%