Architectural Drafting – Residential
202310.DFTG1317.1A1

INSTRUCTOR CONTACT INFORMATION

Instructor:	Clifton Koncaba
Email:	
Office Phone:	
Office Location:	Building T5 Room 101
Office Hours:	Fridays, 8:00am – 9:00am

CREDIT
3 Semester Credit Hours (2 hours lecture, 4 hours lab)

MODE OF INSTRUCTION
Hybrid

PREREQUISITE/CO-REQUISITE:

DFTG 1305, DFTG 1309 or 1313

COURSE DESCRIPTION

Architectural drafting procedures, practices, terms, and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods.

COURSE OBJECTIVES
Upon completion of this course, the student will be able to:

1. Demonstrate an understanding of the principles of working drawings.
2. Demonstrate competency in preparing working drawings for residential structures.
3. Demonstrate an understanding of terms, symbols, practices and procedures involved in residential drafting.
4. Demonstrate competency in utilizing residential materials in residential drafting
5. Demonstrate an ability to use reference materials in order to create working drawings based on an assigned project programming
6. Demonstrate competency in detail-oriented plans that include dimensioning, multiple scale drawings, and sections

REQUIRED TEXTBOOK AND MATERIALS

1. Drafting and Design for Architecture and Construction, (OPTIONAL)
   Hepler, Wallach ,Hepler,   ISBN number is 978-1-1111-2815-9

2. Flash Drive – 1 GB minimum

3. 3 Ring Binder

4. Access to computer with AutoCAD

5. 7mm and 9mm Pentel Mechanical Pencils (not spring Type)

6. 4" 90° and 45° Triangles

7. Eraser Shield

8. Mechanical or Block Eraser

9. Architecture Scale

ATTENDANCE POLICY

Attendance is expected of all students.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified drop date as listed on the Academic Calendar. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

STUDENT EXPECTED TIME REQUIREMENT

For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16-week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid students should expect to spend at least as much time in this course as in the traditional, face-to-face class.

COURSE CALENDAR

DATE	TOPIC		ASSIGNMENTS
Per Semester	Professional Architectural Careers		All assignments due
Schedule	Exploring Residential Design		per semester schedule
	Common Scales in Architecture		Shown in Blackboard
	Managing CAD Work Environment		
	Architecture Residential Plans		
	Architecture Residential Elevations		
	Exterior Design Considerations		
	Interior Design Considerations		
	Land Descriptions and Drawings		
	Floor/ Roof Plans and Electrical		

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Activity	Percentage
Drawings and Homework	75%
Test	20%
Notebook	5%
Total	**100%**

GRADE SCALE

- 90-100   A
- 80-89   B
- 70-79   C
- 60-69   D
- 0-59   F

LIT does not use +/- grading scales

ACADEMIC DISHONESTY

Students found to be committing academic dishonesty (cheating, plagiarism, or collusion) may receive disciplinary action. Students need to familiarize themselves with the institution's Academic Dishonesty Policy available in the Student Catalog & Handbook at http://catalog.lit.edu/content.php?catoid=3&navoid=80#academic-dishonesty.

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at https://lit.edu/online-learning/online-learning-minimum-computer-requirements. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email

specialpopulations@lit.edu. You may also visit the online resource at Special Populations - Lamar Institute of Technology (lit.edu).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION