



ENVS 305-01L Environmental Hydrology Lab

COURSE SYLLABUS: Spring, 2026

Instructor: Dr. Emmanuella Anang	Office: STC 241
Email: emmanuella.anang@etamu.edu	Hours: Monday 12pm – 1pm

Class Meets	Thurs 1.00 pm – 3.50 pm
Class Location	Campus: Main Building: TBA Room:
Required Text	-
Catalog Description	-
Practical Description	This lab is mostly hands-on.
Course Instruction	Face-to-Face
Expectations	Attend <u>all</u> sessions. More than three unexcused absences may result in a drop of one letter grade. Five or more absences may result in being dropped from the course. Actively participate in and complete all lab works.
Evaluation	Lab work – 100 %

COURSE OUTLINE/CALENDAR

Topical Syllabus

Weeks – Subject to change dependent on class progress

Date	Week	Lab Activity
01/15	1	No Lab
01/22	2	Evaporation, Transpiration and Condensation
01/29	3	Precipitation
02/05	4	Infiltration
02/12	5	Stream Table – Erosion and Flow
02/19	6	Soil sieve tests
02/26	7	Exam 1 No Lab
03/05	8	Groundwater Model - Porosity

03/12	9 – Spring Break	Spring Break
03/19	10	Well Design – Video on D2L
03/26	11	Determining Drawdown and Pump Test – Data Collection
04/02	12	Determining Drawdown and Pump Test – Data Analysis
04/09	13	Exam 2 – No Lab
04/16	14	Groundwater velocity and mapping
04/23	15	Mapping using ArcGIS
04/30	16	Student Presentations – No Lab
05/07	17	Final Exam – No Lab

Grading

Attendance – 30 %

Attendance will be taken by roll sheet – your signature signifies your attendance.

Weekly Lab Assignment – 70 %

Work will be turned in at the end of each lab session.

Attendance

As in any class, a vital indicator of a student’s success is attendance, therefore, your presence and participation will be essential. Your success in the course will be determined by your presence, your participation in class discussion, and scheduled coursework. Students should read the assigned readings prior to attending class. Students will be asked to comply with laboratory policies and guidelines and should arrive on time (**LATE arrivals are disruptive and not acceptable**). It is the student’s responsibilities to maintain contact with the instructor and to inform me of any absences which may occur that prevent their attendance and participation in coursework, assignments, or exams.

Classroom Policy

- Students should arrive ON TIME.
- Students are expected to read any assigned material prior to the class.
- To create a pleasant learning environment, students MUST turn their cell phones and other potentially disruptive electronic devices to silent mode.
- NO GUM CHEWING will be allowed in the lab.

Student Learning Outcomes

To gain an understanding of some of the practical applications of hydrology.

University Statements

Academic Integrity

Academic integrity is the pursuit of scholarly work free from fraud and deception and is an educational objective of this institution.

Texas A&M University-Commerce has explicit rules and regulations governing academic dishonesty and academic misconduct. As the University states, "All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." These policies are stated in detail in the Student's Guide Handbook. Each student is expected to read this document and abide by the contained policies. These university policies will be followed in this class. The minimum penalty for an act of academic dishonesty will be the assignment grade of 0 on the examination or homework assignment. The maximum penalty is expulsion from the University.

Texas A&M University-Commerce further does not tolerate **plagiarism** and other forms of academic **dishonesty**. Conduct that violates generally accepted standards of academic honesty is defined as academic dishonesty. "Academic dishonesty" includes, but is not limited to, plagiarism (the appropriation or stealing of the ideas or words of another and passing them off as one's own), cheating on exams or other course assignments, collusion (the unauthorized collaboration with others in preparing course assignments), and abuse (destruction, defacing, or removal) of resource material.

Requests for Special Accommodations

Requests from students with disabilities for reasonable accommodations must go through the Academic Support Committee. An individual instructor cannot decide to make accommodations for you without that Committee's approval.

ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student

Disability Resources and Services

Texas A&M University-Commerce

Gee Library 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

[Office of Student Disability Resources and Services](#)