

McLennan C O M M U N I T Y C O L L E G E

WACO, TEXAS

COURSE SYLLABUS

AND

INSTRUCTOR PLAN

Environmental Science Lab

ENVR – 1101 - 50

Adam Clapp

NOTE: This is a 16-week course.

NOTE: This is a Blended/Hybrid course.

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals. We are also concerned for your safety. We are working through COVID-19 guidelines to make sure we offer a safe environment for you and our faculty. This will include smaller class sizes to manage social distancing and proper cleaning techniques. You will have the advantage of a physical classroom experience but may also need to work part of the time online as we adjust to limited classroom capacity. This will also allow us the flexibility to move online if so directed by federal, state and/or local COVID 19 guidelines. Faculty and staff are preparing now to ensure that you have the best experience in the midst of these uncertain times.

ENVIRONMENTAL SCIENCE

ENVR – 1101 - 50

Course Description:

A survey of the forces, including humans, that shape our physical and biologic environment, and how they affect life on Earth. Introduction to the science and policy of global and regional environmental issues, including pollution, climate change, and sustainability of land, water, and energy resources. Semester Hours 3 (3 lec)

Prerequisites and/or Corequisites:

ENV 1101 lab is required along with ENV 1301 for full 4 hours of science/lab credit.

Course Notes and Instructor Recommendations:

Communication between instructor and students will be done predominantly through email and Brightspace.

Instructor Information:

Instructor Name: Adam Clapp

E-mail: aclapp@mclennan.edu

Office Location: S354

Office/Teacher Conference Hours: In person office hours are suspended due to COVID 19.

Email the instructor to set up a phone call or zoom video call.

Required Text & Materials:

Title: Environmental Sci Lab Manual for ENVR 1101/1102

Author: Environmental Department

Publisher: MCC SHOP

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

The bookstore will not be open to visitors inside the building. Orders are to be made online. The books will be brought out to the commons area outside the bookstore. Communicate with the bookstore staff for further details.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources, we encourage you to contact a success coach by calling (254) 299-8226. Students can visit the Completion Center Monday-Friday from 8:00 a.m.-5:00 p.m. to meet with a success coach and receive additional resources

and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) is open 12:00 p.m.-1:00 p.m., Monday-Friday, without an appointment. The Completion Center and pantry are located on the Second Floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to <https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html> to find out more about the emergency grant. The application can be found [here](https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf) (https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf).

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be contacted/notified through your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

* [Click Here for the Minimum System Requirements to Utilize MCC's D2L|Brightspace](https://www.mclennan.edu/center-for-teaching-and-learning/Faculty%20and%20Staff%20Commons/requirements.html)
(<https://www.mclennan.edu/center-for-teaching-and-learning/Faculty%20and%20Staff%20Commons/requirements.html>)

Click on the link above for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are expected to read and, if needed, respond in a timely manner to college emails.

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Instructional Uses of Email:

Brightspace will be used for communication to the class as a whole. Any individual communications will be via email. Students are expected to have access to and to use their MCC email account.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails.

Forwarding Emails:

You may forward the emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may become lost or placed in junk or spam filters.

Methods of Teaching and Learning:

Lecture, online discussion groups, current events, lab exercises, written reports/papers, quizzes, and/or tutorial software.

Course Objectives and/or Competencies:

Upon successful completion of this course, students will:

1. Apply the scientific method to environmental investigation.
2. Measure and observe aspects of the environment (e.g., air, water, soil) through sampling and sample analysis.
3. Develop an assessment plan for an environmental case study.
4. Demonstrate the collection, analysis, and reporting of data.

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Course Outline or Schedule:

Below is a tentative schedule. This schedule is subject to change.

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|--------|---|
| 26-Aug | Course Introduction |
| 2-Sep | Lab 1: Selecting a Vehicle |
| 9-Sep | Lab 2: Federal Environmental Agencies, Regulations and Processes |
| 16-Sep | Lab 3: State Environmental Agencies, Regulations, and Processes |
| 23-Sep | Lab 4: Conducting a Local Soil Survey |
| 30-Sep | Lab 5: Lavaca Bay Superfund Site |
| 7-Oct | Lab 6: Water Consumption |
| 14-Oct | Lab 7: Identifying Basic Plastics |
| 21-Oct | Lab 9: Surface Water and Stormwater Quality |
| 28-Oct | Lab 10: Produce Origins |
| 4-Nov | Lab 11: Understanding Energy Guides |
| 11-Nov | Lab 12: What's in Your Trash |
| 18-Nov | Lab 13: TBA |
| 25-Nov | Lab 14: TBA |
| 2-Dec | Lab 15: TBA |

Course Grading Information:

All labs are counted equally.

Grading Scale: Letter grades are determined according to the following scale:

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

Late Work, Attendance, and Make Up Work Policies:

Late work is accepted for extenuating circumstances with 10 points deducted for each week the assignment is late. Contact the instructor by email regarding any absences or late work prior to class if possible. Tardiness to class is not acceptable. Tardiness may be counted as absence and/or will affect negatively final grade if needed.

Student Behavioral Expectations or Conduct Policy:

Students are expected to maintain classroom decorum that includes respect for other students and the instructor, prompt and regular attendance, and an open attitude that seeks to gain from the opportunity. Students can expect mutual respect from their instructor.

*** [Click Here for the MCC Academic Integrity Statement](#)**

(www.mclennan.edu/academic-integrity)

The link above will provide you with information about academic integrity, dishonesty, and cheating.

*** [Click Here for the MCC Attendance/Absences Policy](#)**

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have guidelines specific to this course.

Accommodations/ADA Statement

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. Instructors should not provide accommodations unless approved by the Accommodations Coordinator. For additional information, please visit mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu

254-299-8122

Room 319, Student Services Center

*** [Click Here for more information about Title IX](#)**

(www.mclennan.edu/titleix)

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the Title IX Coordinator at titleix@mclennan.edu or by calling Dr. Drew Canham (Vice President for Student Success) at 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC by calling 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting the following website: <http://www.lighthouse-services.com/mclennan/>

McLennan's Title IX webpage (<http://www.mclennan.edu/titleix/>) contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence or domestic violence.

** You will need to access each link separately through your Web browser (for example: Internet Explorer, Mozilla, Chrome, or Safari) to print each link's information.*