IS 1317 – Integrated Science II
COURSE SYLLABUS

Term:	Fall 1	Year:	2023

INSTRUCTOR INFORMATION

Instructor Name:	Dr. Abdellatif Alsharif
Office Phone:	
A&M Commerce Email Address:	abdellatif.alsharif@tamuc.edu
Instructor Notes:	The deadline to accelerate is the 5th Friday of the seven-week term, at 5 pm. Please submit assignments to me no later than the 5th Wednesday of the seven-week term, by 5 pm if you are attempting to accelerate so that I have ample time to grade them and provide you with a completion email for acceleration purposes.

Office Location: Online/Remote
Office Hours: Email, Telephone, or Virtual by Appointment
Preferred Form of Communication: Email
Communication Response Time: 24 Hours or Less (Grading of assignments is typically not completed in 24 hours or less)

COURSE INFORMATION

Materials
This course has been designed using Open Educational Resources (OER) and/or materials that are available through the Waters Library. All materials are embedded within the course or are accessible via the internet or accessible through the Waters Library resource portal. After taking the pretest, students are encouraged to bookmark, download, or save materials provided via the internet for use with assignments and projects in this class.
Please note that all course reading material is embedded in your Modules

Textbook(s) Recommended: Either of below (3rd or 2nd edition)
1. Conceptual Integrated Science, 3rd Edition, by Hewitt, Lyons, Suchocki, & Yeh. ISBN: 13: 978-0135197394
2. Conceptual Integrated Science, 2nd Edition, by Hewitt, Lyons, Suchocki, & Yeh. ISBN: 13: 978-0321818508

The syllabus/schedule are subject to change.

Software Required: None. Students must have access to a computer with internet connection.

Optional Texts and/or Materials: None

Course Description

This is a University Science course. The interdisciplinary application of scientific principles is emphasized. The scientific principles developed in this course primarily include Chemistry, Earth Science, and other topics typically covered in physical science. Connections and applications of these principles to the other sciences are examined. Science is an interesting and diverse topic; it is the instructor's intent to demonstrate that learning can be enjoyable as well as educational. Science is what allows mankind to function in a productive manner.

Student Learning Outcomes

- The student will be able to generate examples of the complex nature of the world from the scientific standpoint (Biology).
- The student will be able to describe and explain general principles of astronomy and cosmology.
- The student will be able to describe and explain general principles of Earth science.

REGULAR AND SUBSTANTIVE COURSE INTERACTION
As a general guide, students enrolled in a three-semester hour course should spend one hour engaged in instructional activities and two to three hours on out-of-class work per week in a traditional semester. Students are expected to double this effort of engagement given that this course is being delivered in a seven-week term. Educational activities in this course are designed to ensure regular and substantive interaction between students and faculty to ensure that students are able to demonstrate competency.

COURSE REQUIREMENTS
Minimal Technical Skills Needed: Students will need reliable computer and internet access for this course. Students must be able to effectively use myLeo email, myLeo Online D2L, and Microsoft Office.
Instructional Methods: This course is an online course. To be successful in this course, all content and course modules should be read and reviewed. All assignments and quizzes (both graded and not graded) must be completed. Please contact the instructor by email for any assistance.
Student Responsibilities or Tips for Success in the Course: To be successful in this course, all content and course modules should be read and reviewed. All assignments and quizzes (both graded and not graded) should be completed. Please contact the instructor by email for any assistance.

ASSESSMENT
You will have a total of 7-weeks to complete and successfully pass all competencies with an average score of 80% or better on all assignments. It is strongly recommended that you complete each chapter review, activity, and quiz every 2-3 days in order to allow ample time to complete the Final Lab and retake any tests if needed.

Pre-tests
The purpose of the pre-test is to provide a baseline understanding of your knowledge in this competency. Pre-tests are taken once and should be completed upon the first couple of days of a CBE academic term or entry into a course if a student is an accelerator. The pre-test is required before you begin studying course materials. If students do not make at least 80% on the pretest, they will be expected to complete assignments, quizzes, and other course content to prepare for the post-test and culminating project. Students are required to complete the post-test even if scoring 80% or higher on the pre-test. The grade on the pre-test does **not** count in the final grade for this course.

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Post-tests
The end-of-chapter comprehensive exams that assesses student knowledge and understanding of major concepts, theories, processes, etc., in the course/module. A **score of 80% or higher is required** to demonstrate competency.   **DUE: Last day of week 7, Friday by 11:59 PM CST**.

If you score less than 80% on the post-test, you will have an opportunity to review the material and retake the post-test two additional times. Students who fail the post-test should review feedback from the instructor before reattempting the post-test. If the post-test score is less than 80% within three attempts, students will receive a grade of "F" in the course and will be required to retake the course in the new term.

Projects
The project assesses your knowledge of terms and the application of concepts presented in this course. A **score of 80% or higher is required** to demonstrate competency.   **DUE DATE if you want feedback for revisions: End of week 6. HARD DUE DATE: Last day of week 7, Friday by 11:59 PM CST.**

If students score less than 80% on the culminating project, they will have an opportunity to review the material and resubmit the project up to two additional times. If the culminating project is less than 80% within three attempts, students will receive a grade of F in the course and will be required to retake the course in the new term.

GRADING
A score of 80% or higher on all assignments are required to demonstrate competency and receive credit for the course. The following items will be used to calculate the final grade in the course.

Item	Worth
Required Pre-Tests	0%
Competency 1 Posttest	25%
Competency 2 Posttest	25%
Competency 3 Posttest	25%
Culminating Project	25%
Total	**100%**

Grading Scale
A = 90%-100%
B = 80%-89%
F = 79% or Below

Acceleration Process
Students enrolled in competency-based education courses in the College of Innovation and Design are permitted to accelerate from one CBE course to another during a seven-week academic term under certain conditions. The request to accelerate from one course to another must be initiated by the student upon successful completion of currently enrolled CBE courses. Students are responsible for maintaining communication with faculty and their assigned advisor(s) throughout the acceleration process. Students who fail a course or who drop/withdraw from a CBE course are not eligible for acceleration. Student may only request permission to accelerate in one course at a time. Request to accelerate is initiated and completed by 5:00 pm CST on the fifth Friday of a seven-week academic term.

Process
1. Student successfully completes all required coursework in their CBE courses(s) with a grade of "A" or "B."

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2. Student receives emailed verification from the assigned instructor that the course has been satisfactorily completed (Grade of A or B only).
3. Student contacts assigned advisor to provide proof of completion and discuss eligibility for acceleration into another course.

TECHNOLOGY REQUIREMENTS
LMS
All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are the technical requirements

Learning Management System (LMS) Requirements:
View the Learning Management System Requirements Webpage.

LMS Browser Support:
Learn more on the LMS Browser Support Webpage.

YouSeeU Virtual Classroom Requirements:
Visit the Virtual Classroom Requirements Webpage.

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903-468-6000 or helpdesk@tamuc.edu.
Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support
If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 877-325-7778. Other support options can be found on the Brightspace Support Webpage.

Interaction with Instructor Statement
This is an online course; therefore, expect most communication to be online as well. If you have any questions or are having difficulties with the course material, please contact your instructor. Correspondence will always be through university email (your "myLeo" mail) and announcements in myLeo online (D2L). The instructor will make every effort to respond to emails within 24 provided the correspondence follows the requirements listed below. Students are encouraged to check university email daily.

All emails from students should include:
- **Course name and subject in the subject line (ex. EDCB 517 – Posttest)**
- **Salutation**
- **Proper email etiquette (no "text" emails – use proper grammar and punctuation)**
Student name and CWID after the body of the email

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COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy
The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

Student Conduct
All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail online in the Student Guidebook.

Students should also consult the Rules of Netiquette Webpage for more information regarding how to interact with students in an online forum.

TAMUC Attendance
For more information about the attendance policy, please view the Attendance Webpage and the Class Attendance Policy

Academic Integrity
Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all their scholastic work. For more details and the definition of academic dishonesty see the following procedures:
Undergraduate Academic Dishonesty 13.99.99.R0.03
Undergraduate Student Academic Dishonesty Form
Graduate Student Academic Dishonesty Form

CID Policy on Academic Integrity
Academic dishonesty includes cheating, complicity in cheating, multiple submissions (or substantial portions) of the same work for credit without authorization, submitting another's work, plagiarism, submitting algorithmically (AI) plagiarized work, and other acts that may reasonably be called academic dishonesty.
- Students who commit academic dishonesty will receive a grade of 0 for the assignment in the course and be issued a Written Warning that is reported to the CID Assistant Dean's office and listed in a database.
- If the student does NOT have a previous Written Warning for academic dishonesty reported in CID courses and has additional attempts available for the assignment, the student may resubmit the assignment (this applies to CBE courses only).
- If the student has a Written Warning of academic dishonesty reported in CID courses, the student may NOT resubmit the assignment, and the instructor will follow the procedure detailed in Policy 13.99.99.R0.03 for Undergraduate Academic Dishonesty and report the incident to the Provost Office.

Use of Artificial Intelligence
Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

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Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

Students with Disabilities-- 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
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@tamuc.edu

Website: Office of Student Disability Resources and Services

Nondiscrimination Notice
Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information, or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

A&M-Commerce Supports Students' Mental Health – Counseling Services
The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

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Web url:
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployees AndStudents/34.06.02.R1.pdf

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

COURSE OUTLINE / CALENDAR
Acceleration Process Deadline: The deadline to accelerate is the 5th Friday of the seven-week term, at 5 pm. Please submit assignments to me no later than the 5th Wednesday of the seven-week term, by 5 pm if you are attempting to accelerate so that I have ample time to grade them and provide you with a completion email for acceleration purposes.

Competency 1: Biology	**Readings:** • Introduction to Biological Molecules • The Cell • Membrane Transport • Cellular Respiration • Introduction to Genetics	**Required Assignments:** 1. Pretest 2. Review Module Readings 3. Posttest
Competency 2: Astronomy/Cosmology	**Readings:** • Introduction to the Universe • Introduction to the Solar System • The Earth	**Required Assignments:** 1. Pretest 2. Review Module Readings 3. Posttest
Competency 3: Earth Science	**Readings:** • Rocks and Minerals • Plate Tectonics • Geomorphology • Meteorology • Earth's Atmosphere • Oceanography	**Required Assignments:** 1. Pretest 2. Review Module Readings 3. Posttest
Culminating Project: Galaxy Paper	You will write a paper on the different types of galaxies. Choose 2 to 3 different galaxies. Compare and contrast the different types of galaxies and the features of the galaxies you chose to write about.	**Required:** 1. Culminating Project

Students MUST score 80% or higher on EACH posttest AND the Culminating Project to successfully pass the course.

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