

MAYVILLE STATE UNIVERSITY

SCNC 101 Natural Science

Jeff Hovde

Summer 2021

Semester Hours: 3

Contact Info:

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Hours of availability: By appointment

Instruction Mode: Online

Meeting Times: Async

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Course Description: An Essential Studies course designed for the non-science major. This course is designed to explore the world around us. It leads from astronomy to geology, meteorology, and on to biology.

Purpose of the Course

To put into practice observational, theoretical, experimental, and mathematical skills in order to explain the phenomena occurring in our surroundings.

Course Objectives

The objectives for the course are:

- 1) Study and acquire basic knowledge of those aspects of science that occur naturally in our universe and on our planet. Those aspects will include:
 - a) Cosmology, the universe, stars, our solar system
 - b) Plate tectonics, rock cycle, geology, mineral resources and the geologic timeline
 - c) Weather and the water cycle and oceans
 - d) Strategies of life- molecules, cells, living processes, genetics, the three Domains of living organisms
 - e) Ecology, ecosystems, and the environment
 - f) Evolution
- 2) Practice communication and recording skills
- 3) Ability to work independently and collaborate with others as a team
- 4) Understand the context of science, relating it to scientific concepts and real world experiences

Program Student Learning Outcomes Addressed in This Course

The Academic Program Student Learning Outcomes document can be found in your course shell. It contains all learning outcomes pertaining to Essential Studies courses and all majors and minors. The document has an index, so you can quickly find the degree you are pursuing.

As part of Mayville State's effort to demonstrate continuous improvement in achieving student learning outcomes, this course:

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As part of Mayville State’s effort to demonstrate continuous improvement in achieving Essential Studies Learning Outcomes, this course will assess

ELO # 1 2 3 4

as part of the Essential Studies and Capstone Courses. As part of Mayville State University’s Essential Studies curriculum, this course seeks to prepare students for twenty-first century challenges by gaining: 1) Knowledge of human cultures; 2) Intellectual and practical skills; 3) Personal and social responsibility; 4) Integrative and applied learning.

The assessment activity will involve essay questions.

Course Improvements Based on Most Recent Assessment Findings

This course will be assessed in the future (based on the 2019-2025 assessment curriculum map) and the findings will be reported in this syllabus.

Recommended Materials

Integrated Science; 6th Edition, Tillery B.S., Enger, E.D., Ross, F.C., McGraw-Hill, New York, N.Y., 2013. The expectation is to cover chapters 12 (The Universe), chapter 13 (The Solar System), chapter 14 (Earth in Space), chapter 15 (Earth), chapter 16 (Earth’s Surface), chapter 17 (Earth’s Weather), chapter 18 (Earth’s Waters), chapter 20 (The Nature of Living Things), chapter 21 (The Origin and Evolution of Life), Chapter 22 (The History of Life On Earth), Chapter 23 (Ecology and Environment).

Learning Experiences

- Assignments will be given via the Detailed Schedule. Submit all assignments in Blackboard on designated due dates.

Expectations/Protocols

There will be NO make-up quizzes or tests given unless I have been contacted prior to the day of the test with a valid University approved excuse. There are very few University approved excuses so do not assume that your excuse is sufficient.

I do not accept any late work.

Do not email me to inform me of the grade you need for the course.

All exams will be completed using the program Yuja as your proctor.

Email is the best way to contact me.

Instructor/Student Communication

- Students are accountable for all academic communications sent to their Mayville State University e-mail address.
- I will communicate through email and announcements in Blackboard.
- I will respond to all emails within 48 hours.

Method of Evaluation/Grading

- I will grade your work within 1 week.

Total Points = 460	90 - 100%	A
	80 - 89.9%	B
	70 - 79.9%	C
	60 - 69.9%	D

Enrollment Verification

The U.S. Department of Education requires instructors of online courses to provide an activity which will validate student enrollment in this course. The only way to verify that a student has been in this course is if he or she takes an action in Blackboard, such as completing an assignment or a taking a quiz. Logging into Blackboard is **NOT** considered attendance. Please see the enrollment verification activity and complete it by the date indicated. If it is not complete your enrollment in this course will be at risk.

Proctor Notification

All exams will be completed using the program Yuja as your proctor.

Important Student Information

In the Blackboard course, you will find a document entitled, "Important Student Information," which includes information about:

- ✓ Academic Grievance Concerns and Instructor English Proficiency
- ✓ Starfish - Student Success System
- ✓ Students with Documented Disabilities
- ✓ Academic Honesty
- ✓ Emergency Notification
- ✓ Continuity of Academic Instruction for a Pandemic or Emergency
- ✓ Family Educational Rights and Privacy Act of 1974 (FERPA)
- ✓ Diversity Statement

A listing of important University policies related to courses and coursework, *Important Student Information*, is posted on the class Blackboard site.

Course Timeline/Schedule:

The following is a schedule of due dates.

Introduction Forum	May 26 th	On Blackboard	11:59p.m.	cst
Astronomy Quiz 1	May 31 st	On Blackboard	11:59p.m.	cst
Astronomy Quiz 2	May 31 st	On Blackboard	11:59p.m.	cst
Astronomy Quiz 3	May 31 st	On Blackboard	11:59p.m.	cst
Astronomy Quiz 4	May 31 st	On Blackboard	11:59p.m.	cst
Astronomy Quiz 5	May 31 st	On Blackboard	11:59p.m.	cst

Exam 1	June 4 th	On Blackboard	11:59p.m.	cst
Geo Quiz 1	June 16 th	On Blackboard	11:59p.m.	cst
Geo Quiz 2	June 16 th	On Blackboard	11:59p.m.	cst
Geo Quiz 3	June 16 th	On Blackboard	11:59p.m.	cst
Exam 2	June 18 th	On Blackboard	11:59p.m.	cst
Meteorology Quiz 1	July 5 th	On Blackboard	11:59p.m.	cst
Meteorology Quiz 2	July 5 th	On Blackboard	11:59p.m.	cst
Exam 3	July 8 th	On Blackboard	11:59p.m.	cst
Bio Quiz 1	July 22 rd	On Blackboard	11:59p.m.	cst
Bio Quiz 2	July 22 rd	On Blackboard	11:59p.m.	cst
Exam 4	July 25 th	On Blackboard	11:59p.m.	cst

Final Test: There will be no cumulative final test. Your last exam will be Exam 4.

The above schedule and procedures in this course are subject to change with prior notice given to students in the event of extenuating circumstances.