

**MAYVILLE STATE UNIVERSITY**  
**SCNC 101 Natural Science Lab Online**  
**Jeff Hovde**  
**Summer 2021**  
**Semester Hours: 1**

---

**Contact Info:**

**Office Ext.:** 701-788-5291

**Office:** SB 144 A

**Email:** [jeffrey.hovde@mayvillestate.edu](mailto:jeffrey.hovde@mayvillestate.edu)

**Hours of availability:** By appointment

**Instruction Mode:** Online asynchronous

**Time Zone:** Central Standard Time

**Course Description:** A laboratory experience to accompany Natural Science, SCNC 101. It incorporates technology through use of computer programs, the Internet, and provides hands-on experiences in the natural sciences.

**Purpose of the Course**

This course is designed to give you hands-on learning experiences to further enhance what you are learning in the SCNC 101 lecture course.

**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:

<input checked="" type="checkbox"/> introduces SLO # 1	<input type="checkbox"/> introduces SLO #	<input type="checkbox"/> introduces SLO #	<input type="checkbox"/> introduces SLO #
--	---	---	---

<input type="checkbox"/> reinforces SLO # <input type="checkbox"/> masters SLO # For Major / Minor: <input type="text" value="Science for Elementary Min"/>	<input type="checkbox"/> reinforces SLO # <input type="checkbox"/> masters SLO # For Major / Minor: <input type="text"/>	<input type="checkbox"/> reinforces SLO # <input type="checkbox"/> masters SLO # For Major / Minor: <input type="text"/>	<input type="checkbox"/> reinforces SLO # <input type="checkbox"/> masters SLO # For Major / Minor: <input type="text"/>
--	---	---	---

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.

**Required/Recommended Materials**

Labster Simulations (Access will be provided by NDUS and can be found in Blackboard)

**Learning Experiences**

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

**Expectations/Protocols**

- I do not accept any late work.

**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.
- My response time to your emails will be within 48hrs.
- I will grade assignments within 1 week.

**Method of Evaluation/Grading**

Total Points: 10 Labs @ 20pts each = 200pts	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:**

A proctor is not required for SCNC 101 Lab.

### **Important Student Information**

Navigate to Blackboard > MaSU tab > Student Resources tab to 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:**

The following is a schedule of due dates.

Formation of the Solar System	May 31 <sup>st</sup>	11:59p.m. cst
<b>Solar System Lab</b>	June 7 <sup>th</sup>	11:59p.m. cst
Sun Lab	June 14 <sup>th</sup>	11:59 p.m. cst
<b>Springs and Masses</b>	June 21 <sup>st</sup>	11:59p.m. cst
Environmental Impacts of Coal Power Plants	June 28 <sup>th</sup>	11:59p.m. cst
<b>Meteorology Lab</b>	July 5 <sup>th</sup>	11:59p.m. cst
Meteorology Predictions Lab	July 12 <sup>th</sup>	11:59p.m. cst
<b>Cell Division</b>	July 19 <sup>th</sup>	11:59p.m. cst
Biomes	July 26 <sup>th</sup>	11:59p.m. cst
<b>Food Webs</b>	July 26 <sup>th</sup>	11:59p.m. cst

**Final Test:** None

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