**MAYVILLE STATE UNIVERSITY**

**SCNC 102L Physical Science Lab Online**

**Jeff Hovde**

**Summer 2021**

**Semester Hours: 1**

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**Contact Info:**

**Office Ext.:** 701-788-5291
**Office:** SB 144B
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**Hours of availability:** By appointment
**Instruction Mode:** Online asynchronous
**Time Zone:** Central Standard Time

**Course Description:** An Essential Studies course designed for the non-science major. This course is designed to explore the world around us. It covers motion, energy, heat, waves, electricity, light, atoms, chemical bonds, reactions, solutions, organic chemistry, and nuclear reactions.

**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 Academic Program Student Learning Outcomes document can be found in your Blackboard 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.

**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:

| | | | |
|---|---|---|---|
| ☒ introduces SLO # 1 | ☐ introduces SLO # | ☐ introduces SLO # | ☐ introduces SLO # |
| ☐ reinforces SLO # | ☐ reinforces SLO # | ☐ reinforces SLO # | ☐ reinforces SLO # |
| ☐ masters SLO # | ☐ masters SLO # | ☐ masters SLO # | ☐ masters SLO # |
| For Major / Minor: | For Major / Minor: | For Major / Minor: | For Major / Minor: |
| Science for Elementary min | | | |

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 (provided by NDUS and found on Blackboard)

**Learning Experiences**

- Assignments will be given via the Detailed Schedule

**Expectations/Protocols**

**There will be NO make-up labs given unless I have been contacted prior to the due date with a valid approved excuse. There are very few 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.**

**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.
- Assignments are not weighted.

| | | |
|---|---|---|
| Total Points: Labs 200 pts | 90 - 100% | A |
| Introduction Forum 10pts | 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 my 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 102 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.

| | | |
|---|---|---|
| Law of Universal Gravitation | June 7th | On BLACKBOARD |
| Conservation of Energy | June 7th | On BLACKBOARD |
| Free Body Diagrams | June 7th | On BLACKBOARD |
| Newton's Laws of Motion | June 28th | On BLACKBOARD |
| Electromagnetic Spectrum | June 28th | On BLACKBOARD |
| Basic Electricity | June 28th | On BLACKBOARD |
| Wave Model of Light | June 28th | On BLACKBOARD |
| Atomic Structure | July 26th | On BLACKBOARD |
| Ionic and Covalent Bonds | July 26th | On BLACKBOARD |
| Acids and Bases | July 26th | On BLACKBOARD |

**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.*