

**MAYVILLE STATE UNIVERSITY**

**SCNC 102 Physical Science**

**Jeff Hovde**

**Summer 2021**

**Semester Hours: 3**

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**Contact Info:**

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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 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) Motion and its laws
  - b) Electricity and magnetism
  - c) Chemical interactions
  - d) Properties of chemical bonds
- 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.

#### Required Materials

Tillery, B. W. (2014). *Physical Science* (11th ed.). New York, New York, U.S.: McGraw-Hill.

#### Learning Experiences

- Assignments will be given via the Detailed Schedule. Submit all assignments in Blackboard or Sapling 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 excuse. There are very few valid 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.**

**I will reply to all student emails within 48 hours. 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 accept no late work and give no make-up exams.
- I will grade your work within 1 week.

- Assignments are not weighted.
- I will communicate through email and announcements in Blackboard.

### **Course Grading:**

Tests: 200 pts

Introduction Forum 10 pts

Homework: 130pts

Total Points: 340 pts

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 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:**

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

### **Important Student Information**

#### **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/Schedule:**

The following is a schedule of due dates.

Introduction Forum	May 26 <sup>th</sup>	On Blackboard	11:59p.m.cst
Ch. 1 Quiz	May 31 <sup>st</sup>	On Blackboard	11:59p.m. cst
Ch. 2 Quiz	May 31 <sup>st</sup>	On Blackboard	11:59p.m. cst
Ch. 3 Quiz	May 31 <sup>st</sup>	On Blackboard	11:59p.m. cst
Ch. 4 Quiz	May 31 <sup>st</sup>	On Blackboard	11:59p.m. cst
Exam 1	June 4 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 5 Quiz	June 16 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 6 Quiz	June 16 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 7 Quiz	June 16 <sup>th</sup>	On Blackboard	11:59p.m. cst
Exam 2	June 18 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 8 Quiz	July 5 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 9 Quiz	July 5 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 10 Quiz	July 5 <sup>th</sup>	On Blackboard	11:59p.m. cst
Exam 3	July 9 <sup>th</sup>	On Blackboard	11:59p.m. cst
Ch. 11 Quiz	July 22 <sup>nd</sup>	On Blackboard	11:59p.m. cst
Ch. 12 Quiz	July 22 <sup>nd</sup>	On Blackboard	11:59p.m. cst
Exam 4	July 25 <sup>th</sup>	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.*