

**Instructor:**

Mr. John Hickman  
Office: stc105  
Office Hrs: MTWTR 10:00-11:00am  
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**Textbook:**

*Integrated Science*, 6th ed., by Bill W. Tillery, Eldon D. Enger, and Frederick C. Ross, McGraw-Hill

**Catalog Description:**

*Integrated Science II*. Four semester hours. (3 lecture, 2 lab)

This University Studies introductory course is the first course in the two-semester series focusing upon building a sound foundation of basic scientific principles. The integrated interdisciplinary application of these scientific principles to the other natural sciences will be emphasized. The overall aim of the course is to teach the students to effectively apply the acquired background to critically examine public issues.

**Goals of the Course:**

Students will

- understand the characteristics of good-quality natural science;
- understand the importance of experiments to the natural sciences and have developed basic laboratory skills;
- have an awareness of ongoing scientific progress and know good sources of accessible information about scientific advances;
- understand the elementary concepts describing the Newtonian physics of individual objects, heat and thermal physics, sound and wave physics, electricity and electromagnetic waves, the atomic nature of matter, and some essential chemistry;
- be confident of their ability to learn science and apply it to “real-world” situations.

**Grades:**

25% Labs	A = 90+
50% four Exams	B = 80-89
25% combination homework and quiz	C = 70-79
	D = 60-69

**There are No Makeup Exams !!!!!**

**There is No Extra Credit Work, Do Not Ask !!!!**

- **A failing grade in lab will automatically result in a failing grade for the entire course.**
- **Four (4) consecutive unexcused absences, or six (6) cumulative unexcused absences, will result in an administrative drop with a failing grade.** A course which is failed due to excessive absences has more serious financial aid consequences than a course which is failed in spite of regular attendance.

**Tentative Schedule (Subject to Change):**

Exam	Chapters	Date
1	1,12,13	After covering material
2	14-15	
3	16-17	
<i>Final</i>	<b>comprehensive</b>	
Homework and Quizzes	<b>As Assigned</b>	<b>As assigned</b>

**Attendance and Tardiness:**

*Students are expected to be on-time and present for all class meetings.* Attendance records will be maintained. Excused absences can be arranged prior to the class period being missed for appropriate activities as determined by the instructor. If an **emergency** results in an absence, the student should contact the instructor **as soon as possible** informing the instructor of the emergency and inquiring about ways to make up the missed class. The instructor will make judgments on how to handle the situation. Possible reasons for an excused absence are listed in the *Student's Guidebook* under class attendance policy. **A student who is tardy at the time roll is called may be marked absent.**

### **Classroom Behavior:**

Disorderly conduct that interferes with the normal classroom atmosphere will not be tolerated. The classroom instructor is the judge of such behavior and may instruct a disorderly student to leave the room with an unexcused absence or, in more serious situations, a student may be removed from the class with a failing grade.

### **Cheating, Plagiarism, and other Breaches of Academic Conduct:**

Academic cheating, plagiarism, and other forms of academic misconduct may result in removal of the student from class with a failing grade or may in extreme cases result in suspension or expulsion from the University as described in the “Code of Student Conduct” section of the *Student's Guidebook*.

### **ADA Eligible Students:**

ADA eligible students should make arrangements with the instructor in the first week of the semester about special arrangements needed for classroom or testing facilities and procedures to accommodate the disability.

In addition, students with medical conditions such as epilepsy or narcolepsy should inform the instructor in order to prevent panic or an inappropriate response.

### **Evaluation of Instruction:**

Students will be given opportunities to evaluate instruction near the end of the semester. The physics department utilizes a scantron-graded questionnaire with statements regarding various elements of instruction and in addition utilizes an open-ended form where students can make comments on all elements of the classroom. These comments are given to the instructor and department head soon after the grades are recorded. If students have concerns about the classroom experience during the semester they should inform the instructor of those concerns and failing a satisfactory response may, as a last resort, contact the physics department head with those concerns.