

IS 1417

Integrated science 1415 COURSE SYLLABUS: Summer 2012

Instructor: Mr. John Hickman M.S.
Office Location: Science Building room 105
Office Hours: 9:00am – 5:00p.m. M-F
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COURSE INFORMATION

Materials – Textbook:

Integrated Science, 5th ed., by Bill W. Tillery, Eldon D. Enger, and Frederick C. Ross, McGraw-Hill, 2001, ISBN: 978-0-07-351219-8

Course Description:

Integrated Science I. Four semester hours

This University Studies introductory course is the second 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.

Student Learning Outcomes:

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.

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments

You will need to get some materials in order to complete some assignments. The materials will be listed in the assignment. Additionally the book is required and you will not pass the class without its aid. All assignments will have instructions provided.

Grading

50% Exams

50% combination assignment and quiz

Late work will not be accepted without prior approval

A = 90+

B = 80-89

C = 70-79

D = 60-69

TECHNOLOGY REQUIREMENTS

Check Browser here:

<http://online.tamuc.org/index.learn?action=technical>

Please see the help desk if you have any problems:

helpdesk@online.tamuc.org

ACCESS AND NAVIGATION

Include for any course that utilizes eCollege (web-enhanced or online)
(See syllabus tool for content suggestions)

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement:

I can be reached in my virtual office or by email:

John.Hickman@tamuc.edu

University Specific Procedures:*ADA Statement:*

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

[Student Disability Resources & Services](#)

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).