

**Science 104 – Physical Science Laboratory
Spring 2006 – Marian College**

Instructor: Dr. John Buben
Phone: 955-6065
Email: jbuben@marian.edu
Office Hours: MWF 10 – 11 am
and by appointment (250 MH)

Lab Section A: Th 8:00 – 9:50 am (355 MH)
Lab Section B: Th 1:30 – 3:20 pm (355 MH)
Credit: One (1) credit hour

Course Description: This is a laboratory course which runs concurrently with Sci 103. Students will conduct experiments that will illustrate principles that are basic to physical science.

Learning Objectives: Upon completion of this course students will:

1. Become comfortable doing simple experiments.
2. Learn how to record experimental data.
3. Learn how to analyze data and prepare graphs.
4. Learn to summarize results in short reports, and to evaluate the suitability of the experiments for younger students.
5. Grow in their awareness and understanding of some of the key principles of physical science.
6. Grow in their excitement for teaching science.

Grading: Students will be required to prepare simple laboratory reports for each experiment and/or to complete other assignments.

Laboratory Participation	25%
Lab Reports and Assignments	75%

Grading Scale:

A	: 92%	B+	: 87%	C+	: 79%	D+	: 71%
A-	: 89%	B	: 84%	C	: 76%	D	: 68%
		B-	: 81%	C-	: 73%		

Attendance: Students are expected to attend each of the scheduled laboratory sessions.