

***Course Code Directory Additions***

***Request to Add a New Course Form***

Please submit two copies of all forms and attachments as well as the electronic version of the course to :

Course Code Directory (Attention: Michael Turner)  
Florida Department of Education  
Bureau of Instruction and Innovation  
325 West Gaines Street, Room 432  
Tallahassee, Florida 32399-0400  
(850) 245-9977, SunCom 205-9977  
Email: michael.turner@fldoe.org

# Course Code Directory Additions

## Request for Adding a New Course

**DATE:**

**SCHOOL DISTRICT:** Brevard

**CONTACT NAME/TITLE:**

Dr. Walter Christy, Director of Secondary Programs

**CONTACT PHONE:**

(321) 633-1000, ext. 310

**CONTACT MAILING ADDRESS:**

Office of Secondary Programs  
2700 Judge Fran Jamieson Way  
Viera, FL 32940

**CONTACT EMAIL ADDRESS:**

ChristyW@brevard.k12.fl.us

**COURSE TITLE:**

Experimental Science IV

**SUBJECT AREA:**

Science

**SUBJECT AREA CATEGORY:**

Integrated Sciences

**GRADE LEVEL:**

Middle/Junior 6-8     9-12/Adult  
 Other \_\_\_\_\_

**COURSE LEVEL:**

Level 2  
 Level 3

**CREDIT:**

.5  
 1.0

**WILL MEET GRADUATION REQUIREMENTS FOR:**

Science

**RECOMMENDED CERTIFICATION:**

Biology 1 @ 4

Earth Science @ 4

Math 1 @ 4

Chemistry @ 4

Earth/Space Science @ 4

Physics 1 @ 4

General Science @ 4

**ESE 104**

**Effective: 02/25/03**

# Course Code Directory Additions

## Request for Adding a New Course

<b>COURSE DESCRIPTION:</b>	(Please attach a course description for the recommended course that identifies the Major Concepts/Content, Special Notes, and the Course Requirements aligned with the Sunshine State Standards as appropriate.) See example at <a href="http://www.firn.edu/doe/curriculum/crscode/basic612/912/912/ss912/2100310.pdf">http://www.firn.edu/doe/curriculum/crscode/basic612/912/912/ss912/2100310.pdf</a>
<b>SCHOOL BOARD APPROVAL:</b>	(Please attach documentation of your School Board approval of this recommended course.)
<b>PLEASE DESCRIBE THE <b>COMPELLING</b> NEED FOR THE NEW COURSE, INCLUDING THE REASON WHY AN EXISTING COURSE WILL NOT SERVE THE NEED. Requests could be supported with data indicating the need for the course. Other considerations should include existing courses that might duplicate content or credits.</b>	
Scientific thinking and experimental design are essential aspects of scientific literacy. This course will provide students with the knowledge and skills needed to design and implement authentic, original scientific investigations. Although all science courses address scientific processes, there are currently no existing science courses that address the knowledge and skills required for experimental design to the depth and advanced level provided in the proposed course. More than 400 Brevard high school students sought a course in experimental design in 2007-08. The existing <i>Research</i> courses do not specifically address the high level scientific goals of the proposed course, nor do they carry the (weighted) science credit participants in these high level pursuits deserve.	

\_\_\_\_\_  
Signature of Superintendent or Designee

\_\_\_\_\_  
Date

### INSTRUCTIONS

Submit only one ESE 104 for each new course.