

Date 2/8/13  
School / Department DEHS / Science Dept

Santa Barbara High School District  
**NEW COURSE APPROVAL**

I. The teacher proposing the new course of approval will submit this completed form, along with 10 copies of the form, to the Administrative Curriculum Committee on or by \_\_\_\_\_.

II. If a new textbook needs to be purchased for the new course, please remember to complete the 'Request for Textbook Adoption (Non- Primary State Adoption)' form.

III. Description of Proposed Course.

Before you complete this form, please make sure that you have considered the following questions:

- Is there a similar course already being taught at another site?
- Have I looked through the district course catalog to make sure that the course doesn't already exist?

A. Title of course EXPLORING COMPUTER SCIENCE

B. Length of course (semester, year long) 1 YEAR

C. Targeted population (please circle all that apply)

Special Education      GATE      English Language Learners

D. Description of the standards taught in the course.

NO STATE OR COMMON CORE STANDARDS FOR COMPUTER SCIENCE EXIST. THIS COURSE DRAWS ON THE CURRICULAR FRAMEWORK LISTED IN LEVELS 2 AND 3 OF THE "ACM MODEL CURRICULUM FOR K-12 COMPUTER SCIENCE" DEVELOPED BY THE COMPUTER SCIENCE TEACHERS ASSN.

If you need more room to answer the questions than what is allotted, please continue onto an additional sheet of paper and attach to form.

E. What A-G requirement does it fulfill? (High School Course only) 6

F. Does the course have targeted ability level? If so, what is the designation of the course? (AP, Honors, College Prep) \_\_\_\_\_

G. Explain the rationale for the creation of the course. What need does it fulfill?

ECS WILL PROVIDE AN ENGAGING AND ACCESSIBLE, YET RIGOROUS, INTRODUCTION TO COMPUTING TECHNOLOGY AND COMPUTER SCIENCE. CURRENTLY WE SUCCESSFULLY OFFER AP COMPUTER SCIENCE BUT NO LOWER-LEVEL FEEDER COURSE. ECS WILL PROVIDE STUDENTS A PATHWAY TO APCS AND BEYOND, INCREASING THE NUMBERS AND BROADENING THE DEMOGRAPHICS OF STUDENTS SEEKING FURTHER EDUCATION IN COMPUTING TECHNOLOGY.

H. Describe the instructional materials used. Include the cost of instructional materials.

THE PRIMARY CURRICULAR MATERIALS FOR THE COURSE IS EXPLORING COMPUTER SCIENCE V4.0, PROVIDED BY ECS, UCLA, AND THE CS EQUITY ALLIANCE. THE COST FOR THIS DOCUMENT, ALL SCRATCH DATA FILES, AND THE DATA ANALYSIS MATERIALS IS ZERO. SOFTWARE NEEDED FOR THIS COURSE INCLUDES SCRATCH, APPINVENTOR, DREAMWEAVER. DP OWNS A SITE LICENSE FOR DREAMWEAVER,

I. Describe any other costs associated with the course. What will be your source of funding for these materials?

NETSUPPORT LAD MANAGEMENT SOFTWARE - \$1600

ONE ANDROID SMARTPHONE - \$200

NO FUNDING SOURCE HAS BEEN IDENTIFIED YET.

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- J. What is the targeted grade level of this course? 10-12 Justification for targeted grade level  
ALL STUDENTS MUST HAVE COMPLETED ALGEBRA  
9TH GRADE ELECTIVE NOT AVAILABLE.
- K. Describe how this course fits into the sequence of courses already being offered at your site.  
WE ARE BUILDING A PATHWAY WITH PC REPAIR,  
EXPLORING COMPUTER SCIENCE, AND AP COMP SCI.
- L. What credential(s) are required to teach this course? INDUSTRIAL TECH Additional  
 training? EXTENSIVE PROGRAMMING EXPERIENCE
- M. Are there any partnerships with outside agencies? (businesses, community programs, colleges, grants). If yes,  
 please explain.  
NO

IV. Site Level Approval Signatures

Km (mckee) Date 2/5/13  
 Teacher Proposing Course

[Signature] Date 2/5/13  
 Additional Teacher (Same Department)

\_\_\_\_\_  
 Principal

[Signature]  
 Department Chair

Date 2/6/13

\_\_\_\_\_  
 Head Counselor

The Administrative Curriculum Committee will review the proposed course and forward the proposal to all secondary sites for approval and review.

V. Other Site Level Approval Signatures.

Date of meeting in which the proposed course was discussed 2/8/13

☒ Approved

☐ Denied (include rationale for decision if denied)

[Signature] Date 2/8/13  
 Chairperson of Department

After obtaining signatures, please forward this document to the Administrative Curriculum Committee at the District Office. This committee will review the forms and forward the completed proposal to the Associate Superintendent.

\_\_\_\_\_  
 Associate Superintendent

Date \_\_\_\_\_