



**FLORIDA INTERNATIONAL UNIVERSITY
UNIVERSITY CURRICULUM COMMITTEE**

Proposal for a New Course

DO NOT TYPE IN THIS BOX

Bulletin # : _____

Academic Year : _____

1. School/College Engineering and Computing ▼

Div./Dept. in Which Taught School of Computing and Information Systems

2. IDC 4 C 4 CIP Code (Leave this blank): _____
 Alpha Prefix 1st Digit Last 3 Digits "C"-lec-lab "L"-Lab Cr. Hrs.

3. Grading Method (select one): Graded Pass/Fail

4a. Course Title Computer Science Education for High School Children

b. Abbreviated course Title (for computer class schedules, transcripts) CS Ed for High School
LIMITED TO 25 Characters (including spaces)

5. Statewide Course Numbering Subject Matter Area IDC-4XXX Interdisciplinary Computing

6. Catalog Description/Major Topics (not to exceed 200 characters including spaces)

College of Medicine and College of Law: Attach description not exceeding 1,000 characters including spaces.

Provide teachers with the knowledge of **advanced** Computer Science topics, as well as the pedagogy on how to teach the topics. Computer Science topics include how the internet works, big data, logic, programming languages such as Javascript (via an app-creating visual tool), and researching technology innovations.

7. Attach detailed syllabus course outline and course justification on separate page(s).

8. Prerequisite(s): N/A

9. Corequisite(s): N/A

10. Objective(s) of Course:

Provide teachers with the knowledge, practice, and feedback on effectively teaching computational thinking to high school students, using a curriculum that has been vetted for years.

11. Does this course duplicate/overlap other courses at FIU? No Yes

If yes, please explain: _____

12. What other closely related department(s) have been consulted about this course?

School of Education

13. Is this course used for the assessment of a program or a certificate (if yes, then send a notification to assessment@fiu.edu)? No Yes

PROPOSAL REQUESTED BY:

Faculty Contact Cristy Charters _____ 10 / 23 / 2017

(Type name) (Signature)

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(Email address) (Phone number)

Chairperson (Dept./Div.) Dr. Mark Weiss _____ / _____ / 20

(Type name) (Signature)

Chairperson (Curr. Comm.) _____ / _____ / 20

(Type name) (Signature)

College/School Dean Dr. John Volakis _____ / _____ / 20

(Type name) (Signature)

Submit one original form. Attach one copy of the course justification and course syllabus, course description, objectives, major topics and textbooks.