



**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                **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 Middle School Children

b. **Abbreviated course Title (for computer class schedules, transcripts)** CS Ed for Middle School

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 **intermediate-level** Computer Science topics, as well as the pedagogy on how to teach the topics. Computer Science topics include computational thinking, logic, visual programming, computer hardware and networking, and social issues related to computer technologies including Internet safety.

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 an feedback on effectively teaching computational thinking to middle 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

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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.**