

Submit one (1) original of this form with signatures and one (1) copy of all forms and syllabi to: The University Curriculum Committee, Mail Code 1480

**Section I. Course Identification, Action, and Justification**

**A. Type of Request:** Add New

**Indicate year and semester you want this effective:** Year: 2006 Semester: Fall

**B. Complete this section if *adding or changing* a course.**

**Proposed Listing:** Prefix: COP Number: 3014 (**Note:** The leftmost digit must be a number; the remaining digits may be represented by X's)

**Full Title:** Programming I

**Semester Hours:** Min: 3 Max: 3 Transcript Title (20 characters max): Programming I

**C. Complete this section if *changing or deleting* an existing course.**

**Present Listing:** Prefix: Number:

**Full Title:**

**Semester Hours:** Min: Max:

**D. Justification for addition or change (not required if deleting a course):**

Prior to this time, computer science majors took the same introductory course that was taken by students who were pursuing a minor in computer science. Over the past few years, it has become clear that we need to have a more rigorous course for our majors. It is intended that this new course will fill that need.

**E. Faculty Contact Information:**

Name: Ann Ford Phone: 644-0973 Email: aford@cs.fsu.edu

**F. Is this course to be considered for satisfaction of University undergraduate degree requirements?**

**Call 4-2451 for processing information.** No

Considered for Multicultural designation? If "Yes" indicate whether an "X" or "Y" course. No

Is this course to be considered for satisfying Oral/Computer Competency? If yes, indicate which one. No

**Section II. Course Information for Catalog and Scheduling Purposes**

**Grade Type (choose one):** 1 - Letter Grade

**Modes of Instruction:** Primary: C - Class Lecture Secondary: Choose one

**Repeat Information:** Code: 00 Repeat only when topics vary? No Repeat only with instructor permission? No

**Total semester hours may be taken for credit:**

**Taught by Department:** Primary: 1166 Secondary (list all):

**Major codes (list all applicable):** 116610, 116630, 116699

**Prerequisites:** MAC 1140

**Corequisites:**

**Are your department's course descriptions divided into subheadings in the *Bulletin*? If yes, state under which subheading this course is to be placed:**

**Course Catalog Description (This must be on all new or changed course requests.):**

Prerequisite: MAC 1140. Fundamental concepts and skills of programming in a high-level language. Flow of control: sequence, selection, iteration, subprograms. Data structures: arrays, strings, structs, ADT lists and tables. Algorithms using selection and iteration (decision making, finding maxima and minima, basic searching and sorting, simulation, etc.). Good program design using a procedural paradigm, structure and style are emphasized. Interactive and file IO. Testing and debugging techniques. Intended primarily for Computer Science or Computer Engineering majors, or anyone who is required to take COP 3330.

**Section III. Approval Signatures**

**Approved By:**

Teaching Unit	Teaching Unit Curriculum Committee Chair	Teaching Unit Chair
College or School	College or School Curriculum Committee Chair	Dean of College or School

**CURRICULAR REQUEST FORM**

Vice President of Academic Affairs or Representative

Date