REQUEST TO COLLEGE CURRICULUM COMMITTEE FOR CURRICULAR IMPROVEMENTS

DEPARTMENT: CS PROPOSED EFFECTIVE SEMESTER: Fall 2018 COLLEGE: CEAS

PROPOSED IMPROVEMENTS

- New degree*
- New major*
- New curriculum*
- New concentration*
- New certificate
- New minor
- Revised major
- Revised minor
- Admission requirements
- Graduation requirements
- Deletion □ Transfer
- Other (explain**)

** Other:

Title of degree, curriculum, major, minor, concentration, or certificate: Bachelor of Science in Computer Science

Existing course prefix and #: CS4980 Proposed course prefix and #: N/A Credit hours: 1

Existing course title: Computer Science Profession

Proposed course title: N/A

Existing course prerequisite & co-requisite(s): N/A

Proposed course prerequisite(s) N/A

If there are multiple prerequisites, connect with "and" or "or". To remove prerequisites, enter "none."

Proposed course co-requisite(s) N/A

If there are multiple corequisites, they are always joined by "and."

Proposed course prerequisite(s) that can also be taken concurrently:

Is there a minimum grade for the prerequisites or corequisites?

The default grades are D for undergraduates and C for graduates.

Major/minor or classification restrictions:

List the Banner 4 character codes and whether they should be included or excluded.

For 5000 level prerequisites & corequisites: Do these apply to: (circle one) undergraduates graduates both

Specifications for University Schedule of Classes:

a. Course title (maximum of 30 spaces): Computer Science Profession

b. Multi-topic course: □ No □ Yes
c. Repeatable for credit: □ No □ Yes
d. Mandatory credit/no credit: □ No □ Yes
e. Type of class and contact hours per week (check type and indicate hours as appropriate)

1. Lecture
   2. Lab or discussion
   3. Lecture/lab/discussion
   4. Seminar or □ studio
   5. Independent study
   6. □ Supervision or practicum

CIP Code (Registrar’s use only):

Chair/Director Date 3/1/15

Chair, College Curriculum Committee Date

Dean Date: Graduate Dean: Date

Curriculum Manager: Return to dean □ Date Forward to: Date

Chair, COGE/PEB/FS President Date

FOR PROPOSALS REQUIRING GSC/ USC REVIEW:

* □ Approve □ Disapprove Chair, GSC/USC Date

* □ Approve □ Disapprove Provost Date

Revised May 2007. All previous forms are obsolete and should not be used.
1. Explain briefly and clearly the proposed improvement.

Require CS4980 for the Bachelor of Science in Computer Science degree.

2. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.)

This class will satisfy the ABET E and G outcomes, so we do not have to force the topic into other courses.

3. Effect on other colleges, departments or programs. If consultation with others is required, attach evidence of consultation and support. If objections have been raised, document the resolution. Demonstrate that the program you propose is not a duplication of an existing one.

None.

4. Effect on your department’s programs. Show how the proposed change fits with other departmental offerings.

This allows us to satisfy ABET accreditation outcomes more effectively.

5. Effects on enrolled students: Are program conflicts avoided? Will your proposal make it easier or harder for students to meet graduation requirements? Can students complete the program in a reasonable time? Show that you have considered scheduling needs and demands on students’ time. If a required course will be offered during summer only, provide a rationale.

The requirement will reduce free elective credits for future students (by 1 credit hour).

6. Student or external market demand. What is your anticipated student audience? What evidence of student or market demand or need exists? What is the estimated enrollment? What other factors make your proposal beneficial to students?

All undergraduate CS students. Students will gain an increased understanding of the ethics of computer programming.

7. Effects on resources. Explain how your proposal would affect department and University resources, including faculty, equipment, space, technology, and library holdings. Tell how you will staff additions to the program. If more advising will be needed, how will you provide for it? How often will course(s) be offered? What will be the initial one-time costs and the ongoing base-funding costs for the proposed program? (Attach additional pages, as necessary.)

The responsibilities for the course can be handled without any additional resources required.

8. General education criteria. For a general education course, indicate how this course will meet the criteria for the area or proficiency. (See the General Education Policy for descriptions of each area and proficiency and the criteria. Attach additional pages as necessary. Attach a syllabus if (a) proposing a new course, (b) requesting certification for baccalaureate-level writing, or (c) requesting reapproval of an existing course.) N/A

9. List the learning outcomes for the proposed course or the revised or proposed major, minor, or concentration. These are the outcomes that the department will use for future assessments of the course or program. N/A

10. Describe how this curriculum change is a response to assessment outcomes that are part of a departmental or college assessment plan or informal assessment activities. It will satisfy ABET accreditation outcomes E and G

11. (Undergraduate proposals only) Describe, in detail, how this curriculum change affects transfer articulation for Michigan community colleges. For course changes, include detail on necessary changes to transfer articulation from Michigan community college courses. For new majors or minors, describe transfer guidelines to be developed with Michigan community colleges. For revisions to majors or minors, describe necessary revisions to Michigan community college guidelines. Department chairs should seek assistance from college advising directors or from the admissions office in completing this section. N/A