

From: [Steven M Carr](#)
To: [Decker Bradley Hains](#)
Cc: [Holly Blanks](#)
Subject: Curriculum Course Request New Course CYCS 5770 - A-2020-CS-17; effective term: 202140
Date: Monday, October 12, 2020 10:56:21 AM

Please verify your data for New Curriculum Course Request for department: CS; college: A.
Go to the following URL to complete your worklist items: <https://bwfp1.cc.wmich.edu:7102/wfbprod>

Date of request: 12-OCT-2020

Request ID: A-2020-CS-17

College: A

Department: CS

Initiator name: Jason Johnson

Initiator email: jason.e.johnson@wmich.edu

Proposed effective term: 202140

Does course need General Education approval?: N

Will course be used in teacher education?: N

If 5000 level course, prerequisites apply to: B

Proposed course data:

New Course CYCS 5770

New course selected: This new course is not seeking approval as a general education course.

1. Proposed course prefix and number:

CYCS 5770

2. Proposed credit hours:

1-4

3. Proposed course title:

Cybersecurity Special Topics

4. Proposed course prerequisites:

Department Approval OR Instructor Approval

5. Proposed course corequisites:

none

6. Proposed course prerequisites that may be taken concurrently (before or at the same time):

none

7. Minimum grade for prerequisites (default grades are D for Undergrad and C for Grad):

none

8. Major and/or minor restrictions:

Not Applicable

9. List all the four-digit major and/or minor codes (from Banner) that are to be included or excluded:

none

10. Classification restrictions:

Not Applicable

11. List all the classifications (freshman, sophomore, junior, senior) that are to be included or excluded:

none

12. Level restriction:

Not Applicable

13. List the level (undergraduate, graduate) that is to be included or excluded.

Not Applicable

14. Do prerequisites and corequisites for 5000-level courses apply to undergraduates, graduates, or both?

Both

15. Is this a multi-topic course?

Yes

16. Proposed course title to be entered in Banner:

Cybersecurity Special Topics

17. Is this course repeatable for credit?

Yes

18. Is this course mandatory credit/no credit?

No

19. Select class type:

Lecture/Lab/Discussion

20. How many contact hours per week for this course?

1-4

A. Please choose Yes or No to indicate if this class is a Teacher Education class:

No

B. Please choose the applicable class level:

Both

C. Please respond Yes if this is a current general education course and/or a course being submitted for the new WMU Essential Studies program. Please respond No if it is neither.

No

D. Explain briefly and clearly the proposed improvement.

Create a course in CYCS for special topics.

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

This course will be used for special topics or new courses, much as we currently do with CS 5950. We would like to have these in place as the curriculum develops and more faculty become involved in teaching the Cybersecurity

curriculum so that we have the flexibility to offer fresh content that our faculty may wish to teach. These courses could potentially serve as electives for both the MS and BS Cybersecurity programs, subject to instructor or department approval.

F. List the student 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. Varies by topic.

G. Describe how this curriculum change is a response to student learning assessment outcomes that are part of a departmental or college assessment plan or informal assessment activities.
N/A

H. 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.
No effect on other colleges or departments.

I. Effect on your department's programs. Show how the proposed change fits with other departmental offerings. This change will allow flexibility to teach new topics in Cybersecurity for elective credit.

J. 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.
No effect on enrolled students.

K. 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?
Cybersecurity graduate and undergraduate students with an interest in the specific topic chosen for the offering.

L. 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.)
No additional resources required.

M. With the change from General Education to WMU Essential Studies, this question is no longer used.

For courses requesting approval as a WMU Essential Studies course, a syllabus identifying the student learning outcomes and an action plan for assessing the student learning outcomes must be attached in the Banner Workflow system.
Not Applicable

N. (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.
This change will not affect articulation.

O. Current catalog copy:
N/A

P. Proposed catalog copy:

Course content varies. This course will occasionally be offered so that students may take a course about a Cybersecurity topic not normally covered in depth within the standard course offerings. Students can take this course more than once as long as the content is different, and they have approval from their advisor.

Department Curriculum Chair approver: Jason Johnson

Department Curriculum Chair comment:

Date: 12-OCT-2020

Department approver: Steve Carr

Chair comment:

Date: 12-OCT-2020