

# Proposed changes to MCTI program:

- Adding a special topic course to the program
  - This course will be offered when required and specifically focus on emerging topics in cybersecurity
  - The course will be offered as a reading course, with no teaching credit associated. Hence there is no additional demand on teaching resource.
- Adding a course (0.5 credit over 2 semesters) titled "Professional Seminar in Cybersecurity"
  - Currently professional seminars are scheduled within individual courses. Students do not receive credits for attending these seminars and instructors often need to schedule additional lecturer times to cover teaching materials.
  - This change will group all seminars together as a course, where we invite industry experts to deliver workshops, talks, etc. bi-weekly in both Fall and Winter semesters. The credit for each semester is 0.25.
  - There is no additional demand on teaching resource for this change.
- Creating a course-only route for completion:
  - Currently students are required to complete a project either with a company or with a faculty supervisor. Finding companies and faculty members for all students can be challenging.
  - We would like to allow students to take 2 additional courses to replace the project requirement. This is mainly for students who could not find an industry or faculty-supervised project.
  - Currently, there are 7 courses in the MCTI program; 5 core and 2 electives. We are scheduled to offer all 7 courses next year (4 in Fall and 3 in Winter).
  - This change will not increase the total number of teaching tasks in MCTI. We plan to offer 3 courses in the Fall, 3 courses in Winter, and 1 elective in the Summer. Hence, students who cannot find suitable projects can graduate with all 7 regular courses, plus either of the aforementioned seminar course or the special topic course.
- Adding a part-time option to the program
  - To increase the number of domestic students, we would like to add a part-time path.
  - This change does not affect the total number of teaching tasks in the program.