

IE 478 Spring 2020 Information on Final Presentations to Course Coordinators (May 2020)

Presentations to course coordinators will take place on Monday May 11, Wednesday May 13 and Friday May 15th. This will be the final presentation to the coordinators. Recall the criteria for the success of any project:

Assessment Criterion 1: System design:

- Model development and validation
- Consideration of alternatives: Extent to which the team demonstrated critical thinking in the design processes – Scenario/What if analysis
- Model usage for changing environments
- Creativity: Extent to which the team developed a novel solution to the design problem while still achieving a functional design
- Technical competencies: Extent to which and validity of the technical aspects have been used properly, including methods, tools and techniques

Assessment Criterion 2: Success of the design:

- Attainment of project deliverables: Extent to which the goals of the project and end-user specifications have been met
- Benchmarking: A comparison of the current and proposed system should be provided along with a cost/benefit analysis
- Implementation and system integration: Extent to which the proposed system is successfully implemented and integrated into the existing system – if not applicable, then a detailed implementation plan and a pilot study is to be provided)
- End-user evaluation and assessment: A written statement from the industrial advisor(s) evaluating the project
- Impact on the organization: Effect of the proposed system on the organization (financial impact, simplified operations, etc) – in terms of performance measure(s) used in validation as well as other performance measures
- Global and societal impact: As an additional consideration

Below, please find useful information on presentations:

Main objective of this presentation is to make sure that you present the essence of the work that has been done, with what you see as the punch line at the end. (Roughly, the following are expected: Problem description and identification; Solution approach and validation; Integration with current system - Implementation; Benefits of project to the company and project deliverables.)

Presentation Video Due: You should prepare a presentation video not to exceed 12 minutes (like you did for the company presentations) in **English** and submit it along with your ppt file by May 9 at 23:59. You are advised to get feedback from your AA prior to submitting this video.

The total time allocated to a group for these meetings will be 15 minutes. We want you to complete your presentation with a plan of refinements you will carry in the remaining part of the semester.

The following indicate our expectations with respect to your presentation:

- Please make sure that you present appropriate level of detail and technical content to convey your ideas in a clear and concise way.
- We expect powerful use of visual input to reinforce/communicate ideas
- Please, make sure that you use a professional tone of language.
- Make sure that you respond to issues raised and questions as a group.