**Overview**

This activity is to draft your Final Project Reflection (FPR) document which is an individual, written activity whose final version replaces SDP’s traditional Final Project Review. The objective is for individual students to reflect on their capstone experiences at both the individual and team levels and provide constructive comments to next year’s students (SDP21) as well as to the department which strives to improve this capstone course. Please keep in mind the following:

* This is an individual student activity. The draft of the FPR document will be reviewed by your advisor to provide feedback. The revised final version of the document will then be graded by your evaluators. The evaluation rubric is on pg. 6.
* FPR is not a SRTI, and students are requested to be constructive in their thoughts and comments and avoid direct naming of teammates, ECE 416 students, and faculty members.
* The evaluator’s grade for FPR comprises 15% of the ECE 416 grade.

**Objectives and writing prompts**

There are four separate writing activities, each with an objective and suggested prompts:

1. **Reflection on SDP20 at the individual level:**

*Objective:* Reflect on your professional growth and integrative experience.

*Prompts:* Give and discuss examples of your opportunities for professional growth and knowledge integration. Discuss unmet expectations as well as unexpected growth opportunities.

1. **Reflection on SDP20 at the team level:**

*Objective:* Reflect on your experience as a team member.

*Prompts:* Give and discuss examples of experience in team forming, project idea generation, project choice, communication, division of labor and collaboration.

1. **Constructive comments to SDP21 students:**

*Objective:* Provide future SDP students with examples of “lessons learned” and “best practices”.

*Prompts:* What is the essence of a good team? What is the essence of a good senior design project? Discuss time-management tips specific to senior design project. For example, what would you have done differently? Why? What worked well for you?

1. **Constructive Comments to the ECE department:**

*Objective:* Provide constructive feedback to the department on improving senior design project.

*Prompts:* Comment on the value of self-formed teams and self-selection of projects. Comment on the value of lectures, reviews (PDR, MDR, and CDR) and bench-side meetings. Comment on the value of producing an electronic hardware component.

**Instructions/Deadline for the Draft of the FPR document**

Provide your written responses to these four separate writing activities in the template provided on the next four pages. Upload your draft of this entire document (pp 1-6) in pdf format via Gradescope no later than 11.59pm (EDT), 20th April 2020. Your faculty advisor will then provide you feedback on Gradescope no later than 24th April 2020. You will then upload your final FPR document to Gradescope no later than 11.59pm (EDT) 29th April 2020.

Name: SPIRE ID:

Team #: Team Name: Advisor:

Name: Advisor:

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| 1. **Reflection on SDP20 at the individual level:**   *Objective:* Reflect on your professional growth and integrative experience.  *Prompts:* Give and discuss examples of your opportunities for professional growth and knowledge integration. Discuss unmet expectations as well as unexpected growth opportunities. |

Name: Advisor:

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| 1. **Reflection on SDP20 at the team level:**   *Objective:* Reflect on your experience as a team member.  *Prompts:* Give and discuss examples of experience in team forming, project idea generation, project choice, communication, division of labor and collaboration. |

Name: Advisor:

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| 1. **Constructive comments to SDP21 students:**   *Objective:* Provide future SDP students with examples of “lessons learned” and “best practices”.  *Prompts:* What is the essence of a good team? What is the essence of a good senior design project? Discuss time-management tips specific to senior design project. For example, what would you have done differently? Why? What worked well for you? |

Name: Advisor:

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| 1. **Constructive Comments to the ECE department:**   *Objective:* Provide constructive feedback to the department on improving senior design project.  *Prompts:* Comment on the value of self-formed teams and self-selection of projects. Comment on the value of lectures, reviews (PDR, MDR, and CDR) and bench-side meetings. Comment on the value of producing an electronic hardware component. |

**Rubric for Draft FPR document evaluation:** Faculty advisors use the following rubric for providing feedback on the draft FPR document. (Evaluators will also use this rubric for assigning final FPR document grade.)

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| --- | --- | --- | --- | --- | --- |
| *Desired reflection characteristics:*   1. *Thorough* 2. *Constructive* 3. *Well-written* | | | | |  |
| characteristic\reflection level | **Individual** | **Team** | **SDP21** | **ECE** |  |
| *Thorough*  (0, 1, 2) pts |  |  |  |  |  |
| *Constructive*  (0, 1, 2) pts |  |  |  |  |  |
| *Well-Written*  (0, 1, 2) pts |  |  |  |  |  |
| *Text submitted* (0, 4) |  |  |  |  | Overall  Total |
| Total | **\_\_\_\_ /10** | **\_\_\_\_ /10** | **\_\_\_\_ /10** | **\_\_\_\_ /10** | **\_\_\_\_ /40** |