

**Requirements & Specification, ESOF 328, Spring 2021**  
**Reflection Paper, Due April 16 (last day of classes)**  
**Extra 5 points if complete by the beginning of class Wednesday, April 14<sup>th</sup>**

Write a paper reflecting on the process of developing requirements for a TECH CONNECT. Please address all of the following:

- Describe the purpose of TECH CONNECT
- Describe the application domain and the TECH CONNECT stakeholders
- Tell how you and the class learned the needs of the stakeholders, noting what worked well and what did not work well
- Tell how you and the class documented the requirements, noting what you expect will be complete and unambiguous and what might not
- Describe what you learned about communication from developing an SRS in this class. That is, discuss leading meetings, listening to clients, asking questions, presenting ideas, and writing the SRS
- Describe any new technologies that you learned working on this project
- Describe any increase in your ability to identify, formulate and solve engineering problems, or your ability to analyze, design, verify, validate, implement, apply, and maintain software systems

Other topics which may be included in this paper:

- Was the workload in this class about right, too little, or too much. Feel free to make recommendations about shifting the workload between topics.
- Discuss the coverage of material in this course – requirement management, validation, sources/types of requirements, use-cases, functional requirements, models, and non-functional requirements. What topics were given the right amount of time, too much or too little time? List any missing topics.
- Discussion of what worked well, what didn't and recommendations for the future.

This paper should read smoothly and not just be a list of answers. It should be organized into sections with headings. An introduction containing an overview of the paper should be included.

This paper will be graded using the following Modified Written Assessment Form. This will be a personal paper.

## Modified Written Assessment Form

**Course Number:** ESOF328, Requirements and Specification  
**Topic:** Project Reflection Paper  
**Evaluator:** Celia Schahczenski

**Semester:** Spring 2021  
**Date:** 5/16/2021  
**Instructor:** Celia Schahczenski

**Paper types:** (1)Personal (2)Argumentative (3)Informative (4)Compare-and-Contrast

**Content** 1 = Poor, 2 = Needs Improvement, 3 = Satisfactory, 4 = Exceptional

Material is relevant to topic*	1 2 3 4
Topic is explored in depth	1 2 3 4
Paper is accurate	1 2 3 4

### **Organization**

Title and subheadings are used*	1 2 3 4
Appropriate introductory paragraph is given*	1 2 3 4
Paragraphs are cohesive*	1 2 3 4
Clear conclusion or summary is given	1 2 3 4

### **Mechanics**

Paper tone is appropriate for the topic*	1 2 3 4
Grammar, spelling, and punctuation are appropriate for a professional, reviewed journal*	1 2 3 4
Paper is the appropriate length*	1 2 3

### **Overall**

Ability to identify, formulate and solve engineering problems	1 2 3 4
Ability to communicate effectively.	1 2 3 4
Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	1 2 3 4
Ability to analyze, design, verify, validate, implement, apply, and maintain software systems.	1 2 3 4

\* See notes below

**Comments:**

## **Notes**

### **Content**

Material is relevant to topic – The paper is cohesive and every paragraph in it relates to the thesis for argumentative papers and to the paper topic for all other types of papers.

### **Organization**

Title and subheadings are used – Paper has a title and at minimum three sub-headings: an introduction, conclusion, and at least one sub-heading for the body.

Appropriate introductory paragraph is given – The introductory paragraph depends on the paper type. For a personal or informative paper the introductory paragraph summarizes the paper's topic and scope. For an argumentative paper it states a thesis. This thesis must have a subject and an arguable claim. For a compare-and-contrast paper it sets forth what will be compared.

Paragraphs are cohesive – all of the sentences related to a single theme or subject. One way to do this is to begin the paragraph with a topic sentence which has a subject and a claim. Every sentence in the paragraph relates to the initial topic sentence. The paragraph ends with a concluding or transitional sentence.

### **Mechanics**

Paper tone is appropriate for the topic – Non personal papers have a formal tone.

Grammar, spelling, and punctuation are appropriate for a professional, reviewed journal - Avoid slang, clichés and directly addressing the reader. Personal pronouns (we, I, you) are only present in personal papers.

Paper is the appropriate length - Paper is the assigned length (within 5% on the low side and 15% on the high side). Papers way out line will be scored "poor" on this attribute.