

# Analysis Phase Requirements

1- Cover Page

2- Table of Contents (with page numbers)

3- Domain Analysis

- Cam a. Concept Statement (at least two and at most 3 pages – single spaced)
- Cam b. Conceptual Domain Model (i.e., Class Domain Model)
  - i. Classes, Associations, Attributes
  - ii. Generalization and Specialization
  - iii. UML OCL Constraints (at least 5 constraints)
- Cam c. Domain State Model

4- Application Analysis

- Sean a. Application Interaction Model (at least 15 top-level use cases)
  - i. Essential Use Cases, Scenarios, and High-level SSD
  - ii. Concrete Use Cases and Detailed SSD
- Dylan b. Application Class Model
  - i. Classes, Associations, Attributes
  - ii. Generalization and Specialization
  - iii. UML OCL Constraints (at least 5 constraints)
- Daniell c. Application State Model

5- Consolidated Class Model

6- Model Review (1-2 pages)

- a. Evaluation of your models for completeness, consistency, and correctness criteria (within and across diagrams)
- b. Clear articulation of the strengths and weaknesses of your models against the criteria.