EML2322L Design Project / Process Flow Chart

Recognize the Need

Problem Definition
(Project Description)
Objectives, Constraints and Criteria

Team Member 1
Gathering Information
(Background Research)
Concept Generation
(Conceptual Designs)

Team Member 2
Gathering Information
(Background Research)
Concept Generation
(Conceptual Designs)

Etcetera
Gathering Information
(Background Research)
Concept Generation
(Conceptual Designs)

Concept Selection
(Decision Matrices)

Communication of the Design

Analysis

Detailed Design
(Detail/Assembly Drawings)

Prototype Development
(Design Project Work Session)

Prototype Testing

Prototype Evaluation
(Competition)

Additional Concept Generation

Revisions
(ECN)

Design Report 1

Design Report 2

Design Report 3

Design Report 4