

Aggie Innovation Space

Presented by



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# Capstone Integration Project

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# Overview

- **Objectives**
- **5 Stage Consultation Model**
- **AIS Resource and Personnel Usage**
- **DPC**

# Objectives

- **Increase the overall quality of the Capstone Projects**
- **Effective use of the AIS resources**
- **Promote Design Thinking**
- **Expose students to an interdisciplinary environment**
- **Promote a learning and iterative environment that allows students to learn a new skill**

# 5 Stage Consultation Model

- **Testing VS Demonstration**
- **Open Resource**
- **AIS Mentor Assignment**
- **Frequent Consultations**

# Stage 1

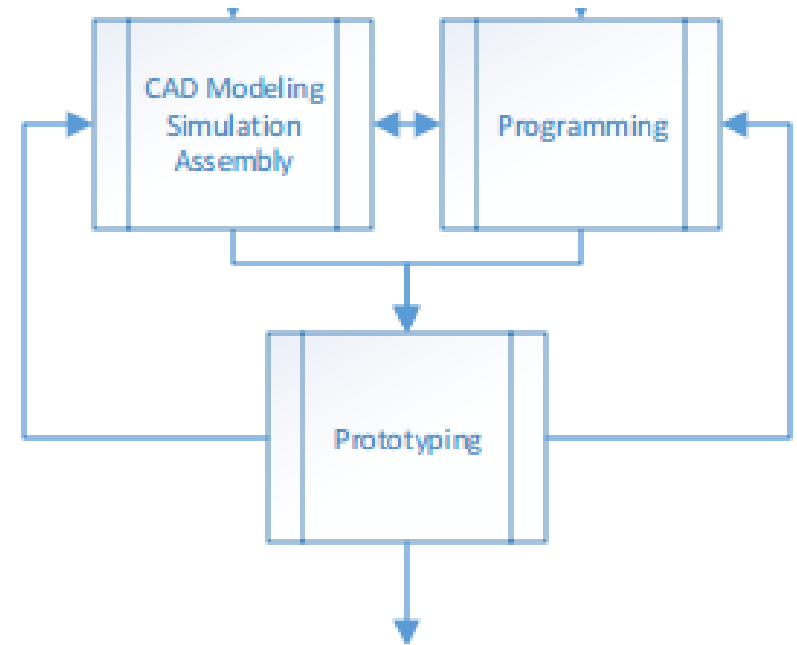
- **Project Introduction to Capstone Liaison**
- **Project Objectives and Deliverables**
- **Milestones:**
  - **Identification of Needs**
  - **Roles are established**
  - **Project Scope**

## Stage 2

- **AIS Mentor(s) assigned**
- **Research/Brainstorming**
- **Planning**
- **Milestones:**
  - **Preliminary Sketches/Models**
  - **Plan of Action**

# Stage 3

- **AIS Resource and Personnel Usage**
  - **Microprocessors (Galileo Boards)**
  - **Rapid Prototyping Equipment (3D Printers)**
  - **AIS Mentors/Topical Experts**
- **Iterations**
- **Milestones:**
  - **Initial Tests**
  - **Data Gathering**



# Stage 4

- **Client Update**
- **Resource Outreach**
- **Ideal Iteration Flow**
  
- **Milestones:**
  - **Production Plan**
  - **Data Gathering**
  - **Meeting Budget Constraints**



# Stage 5

- **Continuous Proof of Concept**
- **Final Tests**
- **Realistic Iteration Flow**
- **Milestones:**
  - **Working Data**
  - **Beginning Production**

- **Demonstration**
- **Presentation**
- **Commercialization**
  - **Arrowhead Center (Studio G)**
  - **Funding Opportunities**