

**Guidelines for Course # NAME 338: Ship Design Project and Presentation**  
(Updated on 04.07.07)

**First Presentation:**

1. Principal particulars
2. Preliminary lightweight, dead weight and displacement calculation
3. Preliminary general arrangement (GA)
4. Preliminary lines plan
5. Preliminary hydrostatic calculation

**Second Presentation:**

1. Scantling
2. Detailed LWT and DWT calculation
3. Approximate trim and stability
4. Resistance and approximate power calculation
5. Engine selection

**Third Presentation:**

1. Rudder and propeller design
2. Weight calculation update
3. GA and lines plan update
4. Hydrostatic calculation update
5. Trim and stability calculation update

**Final Presentation:**

1. Complete final design including following construction drawings:  
GA; lines; midship; profile, deck and bottom; shell expansion; rudder and propeller.

**Each presentation carries 10% of the total mark (300)**

**Distribution of Marks in each presentation:**

Contents	20%
Timing	20%
Presentation Skill	20%
Creativity	20%
Question and Answer	20%