

What constitutes an ICOM5047 Project?

1 What should an ICOM 5047 project contain?

A capstone project should:

- Have realistic constraints
- Incorporate engineering standards
- Contain a balance between hardware design and software design
 - Open ended problem
 - Analysis of more than one alternative is expected and the decision based on a careful decision process using clearly stated engineering criteria.
- Be innovative, creative, or have some value added (or all three) but be realistically useful
 - The group should verify current existing similar systems and demonstrate the value added of the proposed system for the capstone course.
- Take into consideration ethical and environmental impact.
- Be self contained. The final project is a complete system.
 - Encasing.
 - Stand alone software.
 - Fully tested prototype.
- Sufficient amount of work for a capstone course for all members of the team. Work must be evenly distributed.

2 Notes

- If the project is a continuation project of a previous course, the group should turn in the final report of the previous course(s).
 - A project with the same deliverables of a previous semester is not acceptable.
- The project proposal is approved by all stakeholders.