ARC 8202 Seminar [105 CU]

**Description**

The course helps students to further reinforce the knowledge acquired in the first seminar series and to enable them to discuss issues pertaining to the Design Project material.

**Objectives**

The aims of the course are:

• To develop the students ability to carry out scientific research for the Design Project theme

• To develop the students skills in technical writing and design

• To develop the student’s presentation skills.

**Course Content**

The content is both in terms of skill and technical content.

1. Technical content: This depends on the problem addressed. The student is expected to show

understanding and comprehension of the subject matter. **[15 CU]**

1. Skill content: a student is expected to show ability to comprehend scientific literature, correctly make a technical design/report and competently prepare and make an academic presentation **[15 CU]**

**Teaching and Learning Pattern**

Students will be given broad areas of study together with research questions to address by the beginning of the second semester. Each student will be given a senior staff from whom they can get advice and guidance whenever necessary. The student will then be required to address a design project problem. The student will then be required to present his/her work to the staff and his/her peers. As part of the course, the student will also be obliged to attend all (weekly) research talks in the school.

**Mode of Assessment**

Assessment will be made up of 4 parts:

• Attendance of weekly research talks (Semester 2) 10%

• Report write up 50%

• Presentation 20%

• Knowledge of subject matter 20%

**Recommended Reference Books/ Literature**

The textbooks and articles will depend on the problem being addressed.