From: Chair, Department of Mathematics

Subj: MIDSHIPMAN RESEARCH PROJECT COURSES

Ref: (a) ACDEANINST 1531.79

1. Per ref (a), requirements for Research Project Courses in the Mathematics Department follow.

2. Courses designated as research project courses offer sophisticated mathematics students an opportunity to study a narrow area of mathematics in some depth. Such a course requires a student to acquire mastery of a small segment of mathematics. The study may involve research original to the field or it may be known to some people in the field but new to the student. The central feature of the project is the acquisition of intimate understanding by the student of a small collection of mathematical ideas.

3. In the mathematics department, the research project course is a part of the requirements for the mathematics honors major, and most of the students who will select these courses will be honors majors. However, any student with sufficient mathematical sophistication to handle the student’s proposed project may be admitted to a research project course.

4. At the time of registration, a student who wishes to take a research project course must submit a proposal of the project to the mathematics honors major committee. The proposal should describe the question or type of questions to be examined along with a note of approval from the faculty member who will supervise the project.

5. For the mathematics honors major, the research project course will satisfy the project requirement for the mathematics honors major. For the non-honors major, the research project course will satisfy a 400 elective requirement. Normally the research project course will be taken in the second semester of the first class year and thus such a student would take only one research project course. However, in rare cases, the mathematics honors major committee may approve of a research project requiring several semesters.

6. At its completion, each research project will be reviewed by a pair of members from the mathematics honors major committee other than the project's advisor.

7. Each year the chairman of the mathematics honors major committee will publish a calendar of the milestones for the research projects including dates for the submission of:
   - The proposal of the project
   - An initial report
   - A ten minute talk and a progress report
   - A first draft of the report
   - Oral and written reports