

**Mathematics 5P10 Modern Algebra
Research Project Instructions (Continued)
(10-12 pages)**

1. Title Page

- Project Title.
- Students Full Names, Department, University, and Date.
- Course Name and Number, Professor.

2. Project Outline (page 2)

3. Main Body (start from page 3)

- Abstract (less than 200 words), Key Words (about 5 words).
- Introduction (and Preliminary).
- Central Part (Exposition).
- Conclusion (or Future Project, or Further Applications).

4. References

5. Marking Scheme (Total 30 %).

- Outline (due. Feb.2, 2 %).
- Draft Copy (due. Mar. 23 (optional)).
- Final Copy (due. Mar. 30, 20 %).
- Presentation (last week, 8%).

1. If you chose a topic in group theory, in addition to our text book, the book “A course in the theory of groups” by D. Robinson would be an excellent reference. The book “A first course in noncommutative rings” by T.Y. Lam is an excellent reference for the project related to Rings and Modules.

2. Note: The presentations will be arranged in the last week of classes. Each presentation is about 20 minutes long and is followed by a 5-minute question period. **Students are required to attend all the presentations and to evaluate the presentations given by other students based on the following criteria: 1. organization, 2. creativity, 3. clearness of presentation. Students are also expected to ask questions after each presentation.** An evaluation sheet will be distributed in the presentation. Peer evaluation will be taken into account to assign a grade for each presentation. Good luck!