

Materials Seminar

TERM PAPER

- The requirements for EMSE-102 include the submission of a term paper.
- The term paper is due at the end of the course (see the syllabus for the deadline) and should be 4 to 8 pages long.
- Your paper shall discuss an area materials science you find interesting. Alternatively, you can focus on an experimental method important to material scientists.
- The subject you chose should be related to the course. For example, the paper could be a discussion of
 - a particular faculty member's area of research (for example: corrosion, super alloys, ceramics, steel, crystal growth, modeling, etc.),
 - a specific property of materials (for example: mechanical, electrical, optical, magnetic, or thermal properties), or
 - a specific technique (for example: electron microscopy, fatigue testing, impact testing, micro-hardness testing, etc).
- The structure of the paper should be suitable for the subject and the content. The structure could be similar to this:
 1. Title page: Course identification, your name, title of the paper.
 2. Abstract: Summary of your main points.
 3. Introduction (background, etc.).
 4. Objectives: Specify why you choose the particular subject you did and the scope of the paper.
 5. Theory (if needed).
 6. Discussion.
 7. Conclusions (what you have learned - distinguish from abstract!).
 8. References.
 9. Figures (if needed).
 10. Appendices (if needed).