

Engineering subdiscipline research report and presentation

1. Requires a written report and presentation
2. Written portion NTE 5 pages
3. Oral presentation NTE 10 minutes
4. Must include:
 - the subdiscipline name
 - typical education requirements
 - types of projects they work on
 - one real-world project example
 - any other information you find interesting about this specialty

Use your research and any other information to create and present your ideas about engineering disciplines. You may use the Promethean board for drawings, etc., a PowerPoint presentation, a poster or some other means to communicate your ideas. Remember, good engineers are very creative.

The presentation will be graded on how well-organized the presentation is, how clearly your ideas are communicated to a room full of people, and whether the presentation is within time constraints. Give the presentation as if you were educating a team of your peers.

<u>Grade</u>	<u>Expectations to earn this grade</u>
A (90 – 100)	<i>Very good effort</i> that represents a <i>thorough</i> understanding of the material. Presentation is original, highly creative, and within time constraints. Written paper is free of grammatical and spelling errors and is understandable.
B (80-89)	<i>Strong effort</i> that represents a <i>good</i> understanding of the material. Presentation is creative and within time constraints. Written paper contains minor errors in grammar and spelling, but ideas are still effectively communicated.
C (70-79)	<i>Passable effort</i> that represents some understanding of the material. Presentation shows little creativity; exceeds time constraints or is minimally explained. Several major errors in grammar and/or spelling, ideas are not well explained.
D (60-69)	<i>Minimal effort</i> and represents <i>little to no</i> understanding of the material. Presentation is missing, exceeds time constraints and/or is minimally explained. Written paper is unintelligible due to errors in grammar and spelling or is missing altogether.
F (below 60)	No effort, missing presentation and report.