

Engineering 1201

The following is a list of topics that you should include or address in your presentation and paper. This is not a chronological outline which means you may address the items in the order you feel appropriate.

1. The characteristics that define and distinguish your assigned field.
2. A brief history of your assigned field.
3. General engineering education requirements in mathematics, science, and engineering courses for engineers in general.
4. Specific engineering education requirements in mathematics, science, and engineering courses for engineers in your assigned field.
5. Pre-employment qualifications necessary for employment in your assigned field.
6. Job opportunities in your assigned field.
7. Employee benefits packages generally expected in your assigned field.
8. Professional development opportunities in your assigned fields.
9. Professional organizations, codes of ethics, and journals related to your assigned field.
10. Some major accomplishments in the past for your assigned field.
11. Contemporary accomplishments and current noteworthy projects in your assigned field.
12. Future plans and projects in your assigned field.