**IENG419 – Project Management**

**Fall 2018-2019**

**Project Guidelines**

A garage of any size is to be constructed at a house. The garage can be made from any set of materials but should conform to all the related rules and regulations.

A Project report, other than Cover Page, Table of Contents, References, and Appendix, has to contain three main sections: Introduction, Calculations, Conclusion (results & discussions).

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**Introduction**:

Briefly describe alternative garage constructions. Describe all the details of the selected garage and the reasons of this selection/preference.

**Calculations**: At least the following topics should be included:

1. List all the rules and regulations related to garage construction
2. Write all the assumptions you have made
3. Explain all the aspects, including technical, of the garage
4. Describe all the necessary activities needed to complete the garage
5. Provide both types of the activity networks (AOA and AON)
6. Apply CPM
7. Apply PERT
8. Apply crashing
9. Provide MS Project software application
10. Include all the costs

**Conclusion**:

This section includes an interpretation of the garage construction. The result of all the calculations done in the previous section, the decisions you have made and the final remarks should be stated.

Last day for [report + its CD] submission is December 27, 2018 Thursday.

Project presentations will take place the next day on December 28, Friday.

Presentation schedule will be announced later.