

CEM 599 Research Seminar

15th Sept 2004

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Assignment # 1

Objective:

1. To expose students to international research.
2. To help students in deciding on a research topic.
3. To help students in identifying project objectives, methodology and methods of data collection and analysis.

Requirement:

- The KFUPM Main Library has several international Journals in the fields of construction engineering and management, and related fields or you can use the internet.
- Select one paper which you feel comfortable with the title, or you like to write in the same topic.
- Review the paper critically. You should be able to answer the following:

Questions:

1. Is the purpose of the research, or the problem involved clearly defined and sharply delineated in terms as unambiguous as possible.
2. Does the writer describe the research procedures in sufficient detail?
3. Could you repeat the work?
4. Does the procedural design carefully planned to yield results that are as objective as possible.
5. Is there any flow in the research design? Do you have any other alternative, which you think will give better results?
6. Is the analysis of the data sufficiently adequate?
7. Is the conclusion confined to those justified by the data of the research and limited to those for which the data provides an adequate basis?