

Review for CSCI 6530 Research Methods Final Examination

Test will be mostly (or all) multiple choice.

Know exactly what is meant by the following:

Research

Attributes

Research method

Making a good presentation

Research proposals

Research publications

Problem solving

Collecting data

Brainstorming

Hypothesis

Constraints

Intellectual property

The scientific method

Citing references

Analysis

Formulating a problem

Design of a research project

Identifying variables

Synthesis

Problem reduction

Know why each of the above items or concepts is important

Know how to handle difficulties regarding any of the above concepts

Know what are the most important issues regarding any of the above

Know what constitutes good research

Know what's important when working in a group on a research project

Know what's most important (to do or not to do) when making a presentation

Know about budget justification for a research proposal

Know how to recognize creativity