

Master of Software Engineering Proposal for Supervised Research

Student Name:

Andrew ID:

Semester/year:

Instructor(s):

Have you completed other Supervised Research courses? If so, how many?

*Please note: [Supervised Research \(SR\) Proposals](#) must be submitted to the student's faculty advisor **two weeks** before the start date of the semester in which the SR is being completed. Student and SR Instructor signatures are due at this time. Once proposals are approved, students will enroll in 17-697 Directed Study.*

1. Proposal

Provide a general overview (2-3 paragraphs) of the Supervised Research, including background and an introduction to the problem that will be investigated, linking the problem to one of the [six key practice areas](#).

2. Learning Objectives

Provide a description of the learning objectives. The learning objectives should detail what you think you'll better understand at the end of the Supervised Research that you didn't know, or couldn't do, before. Be specific.

3. Methods of Investigation

Explain the technical approaches and strategies you will take to meet the learning objectives and deliverables. Examples: reference searches, experimentation, prototype builds, data collection, statistical analysis, etc. Provide initial reference materials that you plan to use as part of the SR. A complete list of references must be provided at the conclusion of the SR.

4. Deliverables

Summarize the deliverable artifacts. Examples: research paper, summary report or documentation, prototype hardware and/or software, tool or application development, extension or enhancement, architectural design, formal presentation, or some combination of these artifacts. Please include a complete list of references.

5. Schedule of Milestones

Provide a general plan and schedule of the key milestones and deliverables. The date of final deliverable(s) submission must be included in the schedule. **(Important: Final deliverable(s) must be received no later than the semester deadline for grade submission).**

Please attach a separate document that includes all of these elements.

Approvals

I agree to complete the Supervised Research and provide the final deliverables on the date specified.

Student Signature:

Date:

I agree to oversee the Supervised Research and deliver the final grade to the MSE Program Director on the date specified.

Instructor(s) Signature:

Date:

I approve the Supervised Research.

Academic Advisor Signature:

Date:

Please note: It is the student's responsibility to collect all signatures.