



**Master of Software Engineering Program  
Master of Science in Information Technology Program  
Proposal for Independent Study**

Student Name \_\_\_\_\_

Course no. 17-699 Independent Study      Sec. \_\_\_\_\_      Number of Units \_\_\_\_\_

Semester/yr:      Spring \_\_\_\_\_      Summer \_\_\_\_\_      Fall \_\_\_\_\_

Instructor(s) \_\_\_\_\_

Instructor(s) email \_\_\_\_\_ Instructor(s) CMU phone number/s \_\_\_\_\_

Have you taken other Independent Study courses? \_\_\_\_\_ How many? \_\_\_\_\_

**1. Proposal**

Provide below a general **overview** (2-3 paragraphs) of the Independent Study, including background and an introduction to the problem that will be investigated.

**2. Learning Objectives**

Provide a description of the **learning objectives**. The learning objectives should detail what you think you'll better understand (or be able to do) at the end of the Independent Study 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 Study (a complete list of references must be provided at the conclusion of the Study).

**4. Deliverables**

Summarize the **deliverable artifacts**. Examples may include: research paper; summary report or documentation; prototype hardware and/or software; tool or application development; extension or enhancement; architectural design; formal presentation; 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 note final deliverable(s) must be received by no later than prior to the deadline for final grades).

Feel free to attach a separate document that includes all of these elements

6. Approvals

*I agree to complete the above-described Independent Study and provide the final deliverables on the date specified above.*

Student Signature \_\_\_\_\_ Date: \_\_\_\_\_

*I agree to oversee the above-described Independent Study and deliver the final grade to the MSE/MSIT program administrator on the date specified above.*

Instructor(s) Signature(s) \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

*I approve of the above-described Independent Study.*

Academic Advisor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Program Manager's Signature \_\_\_\_\_ Date \_\_\_\_\_

Director's Signature \_\_\_\_\_ Date \_\_\_\_\_