

PROPOSAL FOR INDEPENDENT STUDY

Master of Science in Learning Engineering (MSLE)



Student Name: _____ Andrew ID: _____

Faculty Supervisors: _____ Faculty Supervisor email: _____

Number of Units (05-680): _____ Semester: Fall Spring Summer Year: _____

Complete all sections of this form using **Adobe Reader**, as some PDF features may not display correctly in other PDF applications. Have both you and your faculty supervisor(s) sign the form, then email the completed form to msle-help@cmu.edu for approval. Once the proposal has been approved, your academic advisor will register you for 05-680.

Proposal:

Provide a general overview (2–3 paragraphs) of the independent study, including background information and a description of the problem that will be investigated. Describe what you will learn (i.e., the knowledge and skills you expect to gain rather than the topics you will cover). Explain how this learning will help you develop as a scholar, learner or future professional.

Learning Objectives:

What, specifically, will you be able to do or demonstrate upon completing the independent study? Identify **3–8 course-level learning objectives** for this independent study. Your learning objectives should describe what you expect to understand or be able to do by the end of the independent study that you did not understand or could not do before. Be specific. You may use sub-bullets if appropriate. Refer to Bloom's Taxonomy for guidance.

Deliverables:

Describe the deliverables that will demonstrate your mastery of the learning objectives listed above. Examples may include a research paper, summary report or documentation, hardware and/or software prototype, tool or application, extension or enhancement, formal presentation or a combination of these deliverables. You may use sub-bullets if appropriate.

Work Plan Schedule:

Provide a **week-by-week schedule** of what you plan to do and accomplish. Note deliverable due dates.

Agreement and Signatures:

I agree to complete the above-described independent study and provide the final deliverables by the date specified above.

Student signature: _____ Date: _____

I agree to supervise the above-described independent study and submit the final grade to the MSLE program administrator by the final grade due date for the course.

Faculty supervisor signature: _____ Date: _____

MSLE program director signature: _____ Date: _____