


# Software Management: Advanced Courses Comparison

COURSE	INDEPENDENT STUDY (49-790)	CAPSTONE (49-791)	PRACTICUM (49-792)
Curriculum Component	<ul style="list-style-type: none"> <li>Elective </li> </ul>	<ul style="list-style-type: none"> <li>Elective</li> <li>Fulfills applied learning req. (*)</li> </ul>	<ul style="list-style-type: none"> <li>Elective</li> <li>Fulfills applied learning req. (*)</li> </ul>
Semester Available	<ul style="list-style-type: none"> <li>Spring</li> <li>Summer</li> <li>Fall</li> </ul>	<ul style="list-style-type: none"> <li>Final semester</li> </ul>	<ul style="list-style-type: none"> <li>Final semester (Summer, Fall)</li> </ul>
Proposal Required	Due dates: <ul style="list-style-type: none"> <li>Spring – Dec 1</li> <li>Summer – May 1</li> <li>Fall – August 1</li> </ul>	Due dates: <ul style="list-style-type: none"> <li>Spring – Dec 1</li> <li>Summer – May 1</li> <li>Fall – August 1</li> </ul>	Due dates: <ul style="list-style-type: none"> <li>Spring – Dec 1</li> <li>Summer – May 1</li> <li>Fall – August 1</li> </ul>
# Units	6 to 12	12 to 24	12 to 24
Grade Option	Letter grade only.	Letter grade only.	Letter grade only.
# Students	Individual students only – no teams	Team of 3 (minimum) to 6	Team of 3 (minimum) to 6
iii Faculty Supervisor	Required. Primary supervising faculty can be from another academic department or another university with prior permission.	Required.	Required.
External Client	Not applicable.	Not required, but external stakeholders may be involved.	Required. Typically an employee of the sponsoring organization, but it can be a CMU faculty member.
Sponsoring Organization	Not required.	Not required.	Required.
#Hours Effort	<ul style="list-style-type: none"> <li>12 units = 12 hours per week</li> <li>24 units = 24 hours per week</li> </ul>	<u>Each</u> member of the team must put in weekly effort equal to the units they are enrolled in: <ul style="list-style-type: none"> <li>12 units = 12 hours per week</li> <li>24 units = 24 hours per week</li> </ul>	<u>Each</u> member of the team must put in weekly effort equal to the units they are enrolled in: <ul style="list-style-type: none"> <li>12 units = 12 hours per week</li> <li>24 units = 24 hours per week</li> </ul>

For additional information about course expectations, deliverables and other requirements, see corresponding course descriptions at: <https://www.cmu.edu/iii/> (\*) FT 16-month students must take one of the following courses in their second fall semester to fulfill the Applied Learning Requirement: Practicum (49-792), Large-Scale Problems (49-808) or Capstone (49-791). See your advisor if you wish to take more than one of these courses.