

# Grading Guidelines for Projects

for Dr. A Courses

---

20 pts	Form: $\LaTeX$	
	5 pts	A suitable abstract must be included.
	10 pts	A Bibliography created using BibTeX is required. A paper with no references is not acceptable.
	5 pts	General formatting should use $\LaTeX$ formatting features and not rely on pre-formatted text. You must use IEEE.
5 pts		If your project requires departmental resources you must specify them. This may be identified as a "Thanks" in the Title.
15 pts	Introduction	The introduction should clearly define the problem and motivate the need for a solution. Background and examples are appropriate for this section. In fact they are really a must!
	5 pts	Problem defined.
	5 pts	Motivation for a solution (e.g. existing solutions fall short of needs, high cost etc. For a project this may simply be an interesting area for you, but you better specify why its interesting.
	5 pts	A literature review should show that you have performed a reasonable amount of research on your topic and are aware of existing solutions. Your literature review must include some ACM, IEEE or Springer peer reviewed articles or journals.
15 pts	Design & Implementation	
	5 pts	Is your solution idea (at this point) <i>clearly defined</i> and does it <i>match your description of the problem</i> ? This essentially describes the specification of your solution. This section should clearly demonstrate that you have thoroughly thought through your problem and solution. Include a graphic or table to describe your implementation - especially if you developed a protocol.
	5 pts	Do you describe the deliverables that you will produce and hand in as the culmination of your solution?
	5 pts	Include a reference to your documentation. Do not include the documentation in the body of your report! It should be referenced online, included in the deliverables or added as an appendix.
5 pts	Evaluation / Testing	Give the framework or methods of testing you used. If it does not conform to a standard testing method (e.g. unit testing), you need to describe it in some detail. Testing should be easily mapped to your specifications.
		List the tools and/or environments that you used in the project. Part of the points will depend on references for these components in the Bibliography when appropriate.
5 pts	Division of Labor	For group projects, clearly define who did the work on each <i>deliverable</i> .
5 pts	Conclusions/Future work	Succinct problem statement, Succinct solution statement, Wy solution is worthwhile in some significant way, a bit of results bragging that indicates why the reader should be impressed, and what we could do or will do in the future.