

# BME 489 Project Proposal Grading Form - Final

Project ID		Supervisor(s):	Section:
Project Title:	Group 1 - concentric tubes		Administrator: J Andrysek

## Administrator's Evaluation

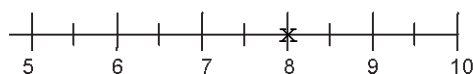
	Excellent	Good	Satisfactory	Marginal	Poor	Missing/ Unacceptable
<b>Background and Motivation:</b> A clear introduction and description of the design problem and its context including the state of the art, and existing work and technology. A clear motivation for the work.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Project Goal and Requirements:</b> Clear project goal and requirements, links to the original design problem. Problems (circle all that apply): Unverifiable/unmeasurable requirements, unnecessary implementation details	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Validation and Acceptance Tests:</b> Clear description of tests, explanations of how tests demonstrate that the project goal and requirements have been achieved.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Possible Solutions and Design Alternatives:</b> Clear description of possible approaches and discussion of design trade-offs.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Feasibility Assessment:</b> Clear description of required skills and resources and key risks.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>System-level overview:</b> A clear description of the top level design.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Module-level descriptions:</b> A clear description of each key component of the design.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Assessment of Proposed Design:</b> A clear description of how the solution addresses the technical problem. A clear discussion of the strengths, limitations, and trade-offs of the design.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Work breakdown structure</b> (circle specific problems) persons not assigned to tasks, tasks not numbered	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Gantt chart</b> (circle specific problems) missing task numbers or descriptions, missing persons assigned to each task	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Financial plan</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Presentation</b> (circle specific problem areas) Grammar, spelling, clarity, style, other (specify):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Content</b> (circle specific problem areas) Organization, logical coherence, substance, references, other (specify):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Other Problems:** Report late, other (specify):

**Approximate grade out of 10 (based on required sections)**



**Administrator's Signature:**

**Administrator's Comments (also see comments in report)**

Background needs to more clearly present the problem, explain existing system  
p3 - how much smaller are CTR compared to conventional of 5 - 8mm  
p3 - financial benefit is not clearly explained.  
Is the workspace issue the only problem currently limiting the use of CTR?  
P5 - 80% success rate seems low. Provide a source for this.  
Very good level of detail in the module level description

Well defined risks and contingency plans/designs  
Increase use of references  
Background should include references after each factual statement to provide evidence  
Consider using a table to organize requirements/objectives/criteria and validation tests all in one table so it is easier to follow