

<u>Question</u>	<u>Answer</u>
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Title of Paper	Putting more Engineering into Capstone Design and Senior Project Courses – Work in Progress - Martin Weiser & Hani Saad
Abstract	<p>The Engineering & Design Department at EWU recently added an ME degree to the existing MET degree. The programs are taught side-by-side and complement each other with the ME degree being more theoretical and requiring more advanced mathematics to handle the additional theory. One of our goals in developing the ME program was to make sure that the students did not lose the strong hands-on aspects of the MET program. Therefore, the required Capstone Design course and Senior Project course are taught together. These courses were previously taught to a mixture of MET and Applied Technology, Manufacturing option students and focused on the design of a product and completion of a small production run. With the development of the ME program we decided to combine the ME and MET students and take a stronger research and development approach. The stronger R&D approach is designed to expose the MET students to application of the theory taught to the ME students and to expose the ME students to the hands-on shop skills involved in prototype development taught to the MET students. So far we have taught these courses three times with the new R&D focus and will describe our findings and plans.</p>