

Abstract Submitted
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Mixed Methods: Incorporating multiple learning styles into a measurements course ARTHUR PALLONE, Murray State University — The best scientists and engineers regularly combine creative and critical skill sets. As faculty, we are responsible to provide future scientists and engineers with those skills sets. EGR 390: Engineering Measurements at Murray State University is structured to actively engage students in the processes that develop and enhance those skills. Students learn through a mix of traditional lecture and homework, active discussion of open-ended questions, small group activities, structured laboratory exercises, oral and written communications exercises, student chosen team projects, and peer evaluations. Examples of each of these activities, the skill set addressed by each activity, outcomes from and effectiveness of each activity and recommendations for future directions in the EGR 390 course as designed will be presented.

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