

Outcome 1: Graduates will be able to demonstrate an understanding of the essence of physics laws and concepts without mathematics.





The E&M result is above the goal for this metric and shows improvement relative to those in the introductory course but there is certainly room for improvement. Departmental discussion about this identified that the tests and homework sets in this class are very directed at problem solving rather than on simple articulation of conceptual Electricity & Magnetism.

### 13. Improvements Planned \_

When this course is next taught the coverage will remain the same but problems that ask student to focus on the essence rather than detailed problem solving will be included in the class as part of homework.



**Program Outcomes**

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