Student Learning Outcomes/Objectives, with Any Associations and Related Measures, Targets, Findings, and Action Plans

SLO 1: Qualifying Procedures
Ability to apply basic engineering concepts as demonstrated by the results of the Qualifying Procedures

Related Measures

M 1: Results of the Qualifying Procedures
Requirements for admission to the program should be stringent enough as demonstrated by the results of the Qualifying Procedures
Source of Evidence: Academic direct measure of learning - other

Target:
85% of the students taking the Qualifying Examination will pass with a required grade of 80 or above. 100% of the students who pass the qualifying procedure will obtain the grade of at least 80 from a committee composed of the Dean, Associate Deans and Department Chairs

SLO 2: Ph.D. Research
Ability to apply advanced concepts, both Colleges to develop Ph.D. Research

Related Measures

M 3: General Examination
Passing General Examination
Source of Evidence: Academic direct measure of learning - other

Target:
100% of the students taking the General Examination will attain a grade of at least 95

SLO 4: Advanced engineering and/or science research
Ability to perform advanced engineering and/or science research

Related Measures

M 5: Approval of dissertation
Preliminary approval of the Ph.D. Dissertation
Source of Evidence: Administrative measure - other

Target:
100% of the candidates will attain preliminary approval

SLO 5: Publish research
Ability to publish research

Related Measures

M 6: Submission of papers for publication
Submission of technical papers for publication in high quality refereed journals
Source of Evidence: Academic indirect indicator of learning - other

Target:
100% of graduating DENAS students have prepared at least one paper that is deemed suitable for publication in refereed journals, in the opinion of the Dissertation Committee.