

# FECEDHA 2021

UNIVERSITY  
OF MIAMI



# ABET

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## General Experiences

### Visit – Virtual Fall 2020

1. Virtual visit
  1. First visit with new criteria
    1. 45 Engineering, 30 Math+Science, SO1-SO6
  2. Raw and summary data provided electronically before visit
2. Main questions:
  1. Show how students meet the ABET requirements
  2. Basic Science definition - CE
  3. Use of Probability and Statistics in program
3. Suggestions:
  1. Simplify the evaluation – number of course evaluated
  2. Create a SOP for evaluation process

# Issues

## Criterion 2. Program Educational Objectives

1. Delineation between PEOs for EE and CE
2. Process for creation of PEOs
  1. Documented process
3. Make-up of Industrial Advisory Board
4. Input from the students

# Issues

## Criterion 4. Continuous Improvement

1. Separation of analysis for EE and CE students
2. Process for creation of evaluation
  1. Documented process
  2. Feedback
3. Wanted raw data and summary data

# Issues

## Criterion 5. Curriculum

1. Students need to show how they address
  1. Use of engineering standards
  2. Realistic constraints (already present)
2. Added
  1. Sustainability – UN
  2. Ethics (already present)

# Issues

## Program Criteria

1. Probability and Statistics
  1. Balance – 60/40 or 70/30
2. Where is it used in the curriculum
3. Specific applications related to EE and CE