Summary: Student Learning Outcomes (SLOs) by Assessment Unit

**Overall Summary**

- **# of Assessment Units Reported:** 7
- **# of Assessment Units with Student Learning Outcomes (SLOs) Assessed in any Program Review Reporting Year selected:** 6
- **Assessment Units without Assessment Data Summaries in any Program Review Reporting Year:** Dept - (PSME) Astronomy, Dept - (PSME) Engineering, Dept - (PSME) Meteorology
- **Assessment Units Engaged in Ongoing Assessment of Student Learning Outcomes (SLOs):** 85.7%

- **# Courses/Services in Selected Assessment Units:** 65
- **# Courses/Services without Student Learning Outcomes (SLOs):** 0
- **# Courses/Services Assessed in any Program Review Reporting Year selected:** 46
  - **# of Courses/Services Assessed in 2010-2011:** 1
  - **# of Courses/Services Assessed in 2011-2012:** 3
  - **# of Courses/Services Assessed in 2012-2013:** 40
  - **# of Courses/Services Assessed in 2013-2014:** 23
  - **# of Courses/Services Assessed in 2014-2015:** 9
  - **# of Courses/Services Assessed in 2015-2016:** 9
  - **# of Courses/Services Assessed in 2016-2017:** 23
  - **# of Courses/Services Assessed in 2017-2018:** 17
  - **# of Courses/Services Assessed in 2018-2019:** 13
  - **# of Courses/Services Assessed in 2019-2020:** 3

- **Courses/Services Assessed in any Program Review Reporting Year selected:** 70.8%
# Summary by Assessment Units

<table>
<thead>
<tr>
<th>Unit</th>
<th># Courses/Services</th>
<th># Courses/Services without Student Learning Outcomes (SLOs)</th>
<th># Courses/Services with Assessment Data Summaries</th>
<th>% of Courses/Services Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept - (PSME) Math</td>
<td>30</td>
<td>0</td>
<td>22</td>
<td>73.3%</td>
</tr>
<tr>
<td>Dept - (PSME) Chem</td>
<td>11</td>
<td>0</td>
<td>10</td>
<td>90.9%</td>
</tr>
<tr>
<td>Dept - (PSME) Astro</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td>100%</td>
</tr>
<tr>
<td>Dept - (PSME) Phys</td>
<td>10</td>
<td>0</td>
<td>9</td>
<td>90%</td>
</tr>
<tr>
<td>Dept - (PSME) Geol</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>50%</td>
</tr>
<tr>
<td>Dept - (PSME) Meteor</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>33.3%</td>
</tr>
<tr>
<td>Dept - (PSME) Eng</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>7</strong></td>
<td><strong>65</strong></td>
<td><strong>46</strong></td>
<td><strong>70.8%</strong></td>
</tr>
</tbody>
</table>

03/30/2020

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Assessment Unit Details

Dept - (PSME) Mathematics

# Courses/Services in Assessment Unit : 30
# Courses/Services without Student Learning Outcomes (SLOs) : 0
Courses/Services without Student Learning Outcomes (SLOs) : None

# Courses/Services Assessed in any Program Review Reporting Year selected : 22
  # of Courses/Services Assessed in 2011-2012: 1
  # of Courses/Services Assessed in 2012-2013: 21
  # of Courses/Services Assessed in 2013-2014: 18
  # of Courses/Services Assessed in 2014-2015: 9
  # of Courses/Services Assessed in 2015-2016: 9
  # of Courses/Services Assessed in 2016-2017: 13
  # of Courses/Services Assessed in 2017-2018: 13
  # of Courses/Services Assessed in 2018-2019: 10
  # of Courses/Services Assessed in 2019-2020: 3
Courses/Services Assessed in any Program Review Reporting Year selected : 73.3%

Dept - (PSME) Chemistry

# Courses/Services in Assessment Unit : 11
# Courses/Services without Student Learning Outcomes (SLOs) : 0
Courses/Services without Student Learning Outcomes (SLOs) : None

# Courses/Services Assessed in any Program Review Reporting Year selected : 10
  # of Courses/Services Assessed in 2012-2013: 9
  # of Courses/Services Assessed in 2013-2014: 1
  # of Courses/Services Assessed in 2016-2017: 9
  # of Courses/Services Assessed in 2017-2018: 1
Courses/Services Assessed in any Program Review Reporting Year selected : 90.9%
Dept - (PSME) Astronomy

# Courses/Services in Assessment Unit : 3
# Courses/Services without Student Learning Outcomes (SLOs) : 0
Courses/Services without Student Learning Outcomes (SLOs) : None

# Courses/Services Assessed in any Program Review Reporting Year selected : 3
  # of Courses/Services Assessed in 2013-2014: 3
  # of Courses/Services Assessed in 2016-2017: 1
  # of Courses/Services Assessed in 2017-2018: 2
  # of Courses/Services Assessed in 2018-2019: 2
Courses/Services Assessed in any Program Review Reporting Year selected : 100%

Dept - (PSME) Physics

# Courses/Services in Assessment Unit : 10
# Courses/Services without Student Learning Outcomes (SLOs) : 0
Courses/Services without Student Learning Outcomes (SLOs) : None

# Courses/Services Assessed in any Program Review Reporting Year selected : 9
  # of Courses/Services Assessed in 2012-2013: 9
Courses/Services Assessed in any Program Review Reporting Year selected : 90%

Dept - (PSME) Geology

# Courses/Services in Assessment Unit : 2
# Courses/Services without Student Learning Outcomes (SLOs) : 0
Courses/Services without Student Learning Outcomes (SLOs) : None

# Courses/Services Assessed in any Program Review Reporting Year selected : 1
  # of Courses/Services Assessed in 2010-2011: 1
  # of Courses/Services Assessed in 2011-2012: 1
  # of Courses/Services Assessed in 2012-2013: 1
  # of Courses/Services Assessed in 2013-2014: 1
# of Courses/Services Assessed in 2018-2019: 1
Courses/Services Assessed in any Program Review Reporting Year selected: 50%

**Dept - (PSME) Meteorology**

# Courses/Services in Assessment Unit: 3
# Courses/Services without Student Learning Outcomes (SLOs): 0
Courses/Services without Student Learning Outcomes (SLOs): None

# Courses/Services Assessed in any Program Review Reporting Year selected: 1
  # of Courses/Services Assessed in 2011-2012: 1
  # of Courses/Services Assessed in 2017-2018: 1
Courses/Services Assessed in any Program Review Reporting Year selected: 33.3%

**Dept - (PSME) Engineering**

# Courses/Services in Assessment Unit: 6
# Courses/Services without Student Learning Outcomes (SLOs): 0
Courses/Services without Student Learning Outcomes (SLOs): None

# Courses/Services Assessed in any Program Review Reporting Year selected: 0
Courses/Services Assessed in any Program Review Reporting Year selected: 0%