

Academic Year 2025-2026

BS in Industrial Technology - BS-BSIT Learning Outcomes

Engineering Management **MET**

1. an ability to apply modern engineering management approaches and strategies.

| MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESULTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ACTIONS                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <p><b>Class Project Performance</b></p> <p>Direct - Assignment</p> <p><i>Industrial Management: INEN 4315</i></p> <p><b>Target</b></p> <p>75% of students to the proficiency of 3 or 4 using attached rubrics. Rubrics are scored by 3 faculty members.</p> <p>The 75% target is set based on the wording of the rubrics. The elements of the rubrics are average to one score for the outcome and rounded down to get the percentage of students who achieve the outcome.</p> <p><a href="#">bs IT rubrics.docx</a></p> <p><a href="#">BSIT SACS 2026 Assessment.docx</a></p> | <p><b>MET</b></p> <p>Class Project Performance</p> <p>■ Exceeded ■ Not Met</p>  <p>0% 100%</p> <p><i>Values are not shown when too close to each other.<br/>Click or use arrow keys to see details.</i></p> <p>Exceeded: 90%<br/>Not Met: 10%</p> <p>Met Total: 90%<br/>Not Met Total: 10%</p> <p><b>Analysis</b></p> <p>The students were able to write software to solve real problems in INEN 4392. The results exceed our standards.</p> | <p><i>No actions have been added.</i></p> |
| <p><b>Average starting salary</b></p> <p>We use Texas Crews data that joins first year starting salary with financial aid data.</p> <p>Direct - Other</p> <p><b>Target</b></p> <p>The goal is to have the average starting salary equal to an engineering graduate.</p>                                                                                                                                                                                                                                                                                                        | <p><b>MET</b></p> <p><b>Summary</b></p> <p>The average starting salary based on Texas Crews data was \$107,771. The loan to value ratio was 28%. <a href="https://txcrews.org/major-dashboard/126">https://txcrews.org/major-dashboard/126</a>.</p> <p>The above data is above IE engineering starting salary that is the comparison group.</p>                                                                                                                                                                               | <p><i>No actions have been added.</i></p> |

Communication **MET**

2. an ability to communicate effectively with a range of audiences.

| MEASURES                                                                               | RESULTS                                                                        | ACTIONS                                   |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------|
| <p><b>Class Project Performance</b></p> <p><i>Industrial Management: INEN 4315</i></p> | <p><b>MET</b></p> <p>Class Project Performance</p> <p>■ Exceeded ■ Not Met</p> | <p><i>No actions have been added.</i></p> |

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| <p><b>Target</b></p> <p>75% of students should achieve 3 or 4 on the attached rubrics. The rubrics are graded by 3 faculty members.</p> <p>The 75% target is set based on the wording of the rubrics that have a demanding standard. The elements of the rubrics are average to one score for the outcome and rounded down to get the percentage of students who achieve the outcome.</p> <p><a href="#">bs IT rubrics.docx</a></p> <p><a href="#">BSIT_SACS_2026_Assessment.docx</a></p> |  <p>0% 100%</p> <p><i>Values are not shown when too close to each other.<br/>Click or use arrow keys to see details.</i></p> <p>Exceeded: 90%<br/>Not Met: 10%</p> <p>Met Total: 90%<br/>Not Met Total: 10%</p> <p><b>Analysis</b></p> <p>The projects were high quality and solved real industrial technology problems.</p> |                                    |
| <p><b>Average starting salary</b></p> <p>This metric uses Tax data joined to financial aid data. Only covers students who need financial aid. Should be conservative.</p> <p>Direct - Other</p> <p><b>Target</b></p> <p>BSIT students meet BSIE students in terms of salary.</p>                                                                                                                                                                                                          | <p><b>MET</b></p> <p><b>Summary</b></p> <p>The average starting salary based on Texas Crews data was \$107,771. The loan to value ratio was 28%. <a href="https://txcrews.org/major-dashboard/126">https://txcrews.org/major-dashboard/126</a>.</p> <p>The above data is above IE engineering starting salary that is the comparison group.</p>                                                               | <p>No actions have been added.</p> |

## Conclusion

The outcome is met to our standard.

## Modeling **MET**

- an ability to uses modeling to support manufacturing systems.

| MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RESULTS                                                                                                                                                                                                                                                                                                                                                                       | ACTIONS                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <p><b>Class Project Performance</b></p> <p>Direct - Assignment</p> <p><i>Industrial Management: INEN 4315</i></p> <p><b>Target</b></p> <p>75% of students should achieve a 3 or 4 based on the attached rubrics.</p> <p>The 75% target is set based on the wording of the rubrics that have a demanding standard. The elements of the rubrics are average to one score for the outcome and rounded down to get the percentage of students who achieve the outcome.</p> <p><a href="#">bs IT rubrics.docx</a></p> | <p><b>MET</b></p> <p>Class Project Performance</p> <p>Exceeded Not Met</p>  <p>0% 100%</p> <p><i>Values are not shown when too close to each other.<br/>Click or use arrow keys to see details.</i></p> <p>Exceeded: 90%<br/>Not Met: 10%</p> <p>Met Total: 90%<br/>Not Met Total: 10%</p> | <p>No actions have been added.</p> |

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| <a href="#">BSIT_SACS_2026_Assessment.docx</a>                                                                                                                                                                                                                                                                                                                                | <p><b>Analysis</b></p> <p>The projects were high quality and solved industrial technology problems.</p>                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |
| <p><b>Performance on Forecasting and other Numeric Question</b></p> <p>This question is based on 3 numeric response questions so rubrics are not required.</p> <p>Direct - Exam (Course-based)</p> <p><i>Prod &amp; Inventory Systems: INEN 4351</i></p> <p><b>Target</b></p> <p>75% of students should be able to solve numeric forecasting and other numeric questions.</p> | <p><b>MET</b></p> <p>Performance on Forecasting and other Numeric Question</p> <p>■ Exceeded ■ Not Met</p>  <p>0% 100%</p> <p><small>Values are not shown when too close to each other.<br/>Click or use arrow keys to see details.</small></p> <p>Exceeded: 88%<br/>Not Met: 12%</p> <p>Met Total: 88%<br/>Not Met Total: 12%</p> <p><b>Analysis</b></p> <p>Over 80% of students answered the questions correctly.</p> | <p><i>No actions have been added.</i></p> |

## Conclusion

The assessment found student success for this outcome.