

## Standard #4 Measurement and Analysis of Student Learning and Performance

Use this table to supply data for Criterion 4.2.

Performance Indicator	Definition																																				
<b>1. Student Learning Results</b>	<p>A student learning outcome is one that measures a specific competency attainment. <i>Examples of a direct assessment (evidence) of student learning attainment that might be used include: capstone performance, third-party examination, faculty-designed examination, professional performance, licensure examination.</i> Add these to the description of the measurement instrument in column two:</p> <p>Direct - Assessing student performance by examining samples of student work                      Indirect - Assessing indicators other than student work such as getting feedback from the student or other persons who may provide relevant information.                      Formative – An assessment conducted during the student’s education.                      Summative – An assessment conducted at the end of the student’s education.                      Internal – An assessment instrument that was developed within the business unit.                      External – An assessment instrument that was developed outside the business unit.                      Comparative – Compare results between classes, between online and on ground classes, between professors, between programs, between campuses, or compare to external results such as results from the U.S. Department of Education Research and Statistics, or results from a vendor providing comparable data.</p>																																				
Performance Measure	What is your measurement instrument or process?	Current Results	Analysis of Results	Action Taken or Improvement made	Insert Graphs or Tables of Resulting Trends (3-5 data points preferred)																																
Measurable goal	Do not use grades.	What are your current results?	What did you learn from the results?	What did you improve or what is your next step?																																	
What is your goal?	(Indicate type of instrument) direct, formative, internal, comparative																																				
BSTM - PO#1 - Employ supervisory and management skills	Direct, Internal, Formative/Summative Aggregate of all aligned activities within all course sections (by date) that align to a specific PO	Performance standard achieved (average >80% across multiple sections)	MGMT 311 was the only course (across most sections) where students failed to meet the performance standard.	MGMT 311 was redeveloped to focus on more basic aspects of Marketing concepts and remove irrelevant material not associated with a LO.	<table border="1" style="display: none;"> <caption>BSTM PO#1 Score Data</caption> <thead> <tr><th>Month</th><th>Score</th></tr> </thead> <tbody> <tr><td>Jan-13</td><td>87</td></tr> <tr><td>Feb-13</td><td>89</td></tr> <tr><td>Mar-13</td><td>88</td></tr> <tr><td>Apr-13</td><td>86</td></tr> <tr><td>May-13</td><td>85</td></tr> <tr><td>Jun-13</td><td>87</td></tr> <tr><td>Jul-13</td><td>90</td></tr> <tr><td>Aug-13</td><td>89</td></tr> <tr><td>Sep-13</td><td>88</td></tr> <tr><td>Oct-13</td><td>86</td></tr> <tr><td>Nov-13</td><td>88</td></tr> <tr><td>Dec-13</td><td>90</td></tr> <tr><td>Jan-14</td><td>88</td></tr> <tr><td>Feb-14</td><td>88</td></tr> <tr><td>Mar-14</td><td>86</td></tr> </tbody> </table>	Month	Score	Jan-13	87	Feb-13	89	Mar-13	88	Apr-13	86	May-13	85	Jun-13	87	Jul-13	90	Aug-13	89	Sep-13	88	Oct-13	86	Nov-13	88	Dec-13	90	Jan-14	88	Feb-14	88	Mar-14	86
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BSTM - PO#2 - Apply research to solve business problems	Direct, Internal, Formative/Summative Aggregate of all aligned activities within all course sections (by date) that align to a specific PO	Performance standard achieved (average >80% across multiple sections)	The majority of sections achieved the performance standard. A few sections (n=6 or 1%) of the 620 sections taught scored below the performance standard. No specific pattern was observed.	This PO is achieving the performance standard and will be monitored for any change or patterns that may emerge.	<table border="1" style="display: none;"> <caption>BSTM PO#2 Score Data</caption> <thead> <tr><th>Month</th><th>Score</th></tr> </thead> <tbody> <tr><td>Jan-13</td><td>80</td></tr> <tr><td>Feb-13</td><td>89</td></tr> <tr><td>Mar-13</td><td>86</td></tr> <tr><td>Apr-13</td><td>86</td></tr> <tr><td>May-13</td><td>87</td></tr> <tr><td>Jun-13</td><td>88</td></tr> <tr><td>Jul-13</td><td>90</td></tr> <tr><td>Aug-13</td><td>88</td></tr> <tr><td>Sep-13</td><td>88</td></tr> <tr><td>Oct-13</td><td>86</td></tr> <tr><td>Nov-13</td><td>88</td></tr> <tr><td>Dec-13</td><td>93</td></tr> <tr><td>Jan-14</td><td>90</td></tr> <tr><td>Feb-14</td><td>89</td></tr> <tr><td>Mar-14</td><td>87</td></tr> </tbody> </table>	Month	Score	Jan-13	80	Feb-13	89	Mar-13	86	Apr-13	86	May-13	87	Jun-13	88	Jul-13	90	Aug-13	88	Sep-13	88	Oct-13	86	Nov-13	88	Dec-13	93	Jan-14	90	Feb-14	89	Mar-14	87
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