**Mission:**
MTSU’s mission statement for the construction management program is to provide a broad basic understanding of the construction industry in the areas of commercial, land development/residential building and electrical construction management with the ultimate goal of being able to provide leadership confidence within the construction industry. Courses are designed to prepare students for middle management leadership roles with a focus on administration, materials, and procedures used in construction. Professional ethics are taught to students while encouraging them to practice maintaining high moral standards and integrity in their daily lives.

**Use of Prior Results:** We have added some more diverse members to the Advisory Board so our students receive feedback related to the technical aspects of their Sr Capstone Project and to the sales aspect. We added another owner to the group - Carl Manka from TBR and a VP of Construction Operations - Randy Patterson of Layton Construction.

**Student Learning Outcome:**
Students should be able to apply the knowledge gained in the commercial construction management classes to achieve a 3.0 in the Capstone (Senior project) class based on the rubric developed.

| **Measure 1:** The students will be required to present to the Industry Advisory Board a mock sales and technical presentation for an example project. The presentation will encompass the key skills required for successful performance as a construction professional. This will involve estimating, scheduling, project planning and sales. The Advisory Board members will provide scoring using the rubrics developed for this class (attached) as well as provide direct feedback on the strengths and weaknesses of their technical results and their presentation skills | **Person(s) Responsible:**
Tom Gormley and Advisory Board | **Analysis of Results for Measure 1.**
(include strengths & weaknesses):
There were 12 students in the fall of 2014 and 5 students in the spring of 2015 for the Sr Capstone project class. All students exceeded a 3.0 for their grade in this class. The feedback from the Advisory Board was very positive. They were pleased with the format for the Capstone project as it addressed both the technical and sales aspects of commercial construction mgmt. |

**Future Actions:**
Describe Program Changes (adding a course, assignment, project, etc.): In the future, we will provide more individual coaching on presentation skills for the historically disadvantaged students. During one of the fall 2014 presentations, one of the students struggled with their individual presentation.
skills. Additional coaching and practice sessions will be implemented to assist the students who need help in this area.

**Future Actions:**

**Describe Assessment Changes (measures such as rubrics, exams, diagnostic instruments, etc.):**

We will provide the Advisory Board with more time to provide feedback to individual students on their presentation.

**Future Actions:**

**Describe any additional resources needed (Leave blank if no additional resources are needed):**
**Use of Prior Results:** We have linked the pre and post test results on one spreadsheet to allow for easy comparison of the change in scores for each student.

**Student Learning Outcome:**
Students will achieve a 20% improvement in the pre and post test results for the major construction classes.

<table>
<thead>
<tr>
<th>Measure 1:</th>
<th>Person(s) Responsible: Tom Gormley</th>
<th>Analysis of Results for Measure 1. (include strengths &amp; weaknesses):</th>
<th>Supporting Document(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verify that pre and post class tests are being implemented on all major Commercial Construction Mgt classes. These tests must evaluate general knowledge of concepts, terms and processes. They are to be given at the beginning of the semester and at the completion to indicate the increased knowledge as a result of the class work and may be incorporated into regular testing procedures.</td>
<td>Completion Date: 07/31/2014</td>
<td>The pre and post test process was implemented for several major Construction Mgt classes for this academic year. The specific results by class were: Construction Law - 55% improvement from pre to post Estimating 2 - 22% improvement from pre to post Construction Materials - 51% improvement from pre to post Overall average improvement of 43%</td>
<td>Future Actions: Describe Program Changes (adding a course, assignment, project, etc.): We will ask the other faculty who are teaching major Commercial Mgt classes to implement the pre/post test evaluation process.</td>
</tr>
</tbody>
</table>

**Future Actions:**
Describe Program Changes (adding a course, assignment, project, etc.):
- Increase the number of problems on the pre test portion of this process.
### Use of Prior Results:
Continue to evaluate and update questions on the major field test.

<table>
<thead>
<tr>
<th>Student Learning Outcome:</th>
<th>Measure 1:</th>
<th>Person(s) Responsible:</th>
<th>Analysis of Results for Measure 1. (include strengths &amp; weaknesses):</th>
<th>Supporting Document(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students have the knowledge gained from their class work to be successful in the commercial construction industry</td>
<td>The students demonstrate their knowledge of the commercial construction industry by achieving an average of 50% on the major field tests.</td>
<td>Tom Gormley and other faculty</td>
<td>On the Major Field tests for the Commercial Construction Mgt students the results were as follows? Fall of 2014 average was 52.4% - Spring of 2015 average was 61% This results in an average of 56.7 for this academic year which exceeds the goal.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Future Actions: Describe Program Changes (adding a course, assignment, project, etc.):</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>There will not be a need for any program changes as the Major Field Test process is a valid measurement tool for assessing student learning outcomes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Future Actions: Describe Assessment Changes (measures such as rubrics, exams, diagnostic instruments, etc.):</td>
</tr>
</tbody>
</table>
We will continue to evaluate and update the questions on the CCM major Field Test.

Future Actions:
- Describe any additional resources needed
  (Leave blank if no additional resources are needed.)

Report Date: Mon Aug 17 2015
15:45:21 CDT