**Vision 2020 Update – Academic Programs, Research Growth, Faculty Excellence and Rewards and Public Service**

**Overall Status**

**Goal II:** Develop new and reconfigure existing academic programs to be responsive to student, stakeholder and community needs.

**Strategy A:** Develop new undergraduate degrees in Science, Technology, Engineering, Agriculture and Mathematics (STEAM) by 2020.

**Recent Key Accomplishments**

WVSU has a 2+2 engineering program, in collaboration with West Virginia University, in the areas of civil, industrial and mechanical engineering. In spring 2014, the first cohort of students pursuing a baccalaureate degree in energy management, in the College of Business and Social Sciences, began.

**Emerging Issues**

**Internal:** Existing faculty are very active in teaching, research and service activities, and thus taking on another degree may be challenging.

**External:** Federal and State budgets continue to decrease thus limiting the University’s ability to hire new faculty.

**Upcoming Activities**

**Activity 1a:** Establish a comprehensive and multidisciplinary baccalaureate program in a STEAM field which can position the University to be a key player in the energy, environmental and agriculture fields.

**Solutions**

Assess federal and corporate funding opportunities as an opportunity to hire new faculty.

**Upcoming Deliverables/Milestones**

<table>
<thead>
<tr>
<th>Item</th>
<th>Due Date</th>
<th>Status</th>
<th>Progress</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>Item. Assess stakeholder needs and University strengths in STEAM areas</td>
<td>09/15/14</td>
<td>✔️</td>
<td>100%</td>
<td>With the addition of a new faculty member in civil engineering, we now have things in place to move forward with an engineering degree.</td>
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<tr>
<td>Item. Develop a proposal for STEAM area(s) for administration and Board</td>
<td>10/15/15</td>
<td>✔️</td>
<td>100%</td>
<td>Our Board of Governors approved the intent to plan for this degree and now it is at HEPC.</td>
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<tr>
<td>Item. Take appropriate approval steps</td>
<td>05/15/16</td>
<td>🟢</td>
<td>25%</td>
<td>We are awaiting the decision of HEPC so we can move forward.</td>
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Submitted by Dr. Orlando McMeans Date: 12/3/15