Idaho Tech Prep Program Proposal
And Articulation Agreement

Between Idaho State University and Hillcrest High School
Starting Date: Fall 2012

Tech Prep Program: **Electronics and Energy Technology**  
Secondary Program ID: **Non PTE**  
Anticipated Degree: **AAS; ATC; BS**

### ARTICULATED COURSES

List the secondary professional-technical Program of Study courses in this Tech Prep program and the college Program of Study courses they articulate to.

<table>
<thead>
<tr>
<th>HS COURSE # (from Titles and Codes)</th>
<th>HS COURSE TITLE</th>
<th>COURSE LENGTH</th>
<th>COLLEGE COURSE #</th>
<th>COLLEGE COURSE TITLE</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TI0501</td>
<td>Electronics Technology I</td>
<td>1 sem</td>
<td>ESET 0103</td>
<td>Intro to Electronics</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>ESET 0103L</td>
<td>Intro to Electronics Lab</td>
<td>1</td>
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<tr>
<td>TI0502</td>
<td>Electronics Technology II</td>
<td>1 year</td>
<td>ESET 0104</td>
<td>DC Electronics Theory</td>
<td>2</td>
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<td></td>
<td></td>
<td></td>
<td>ESET 0104L</td>
<td>DC Electronics Lab</td>
<td>2</td>
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<tr>
<td>TI0503</td>
<td>Electronics Technology III</td>
<td>1 year</td>
<td>ESET 0105</td>
<td>AC Electronics Theory</td>
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<td></td>
<td>ESET 0105</td>
<td>AC Electronics Lab</td>
<td>2</td>
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</tbody>
</table>

Successful Completion (75% or higher) of ISU Electronics Articulation Test  
(Bypass 1st Semester of Core Curriculum)

<table>
<thead>
<tr>
<th>COLLEGE COURSE #</th>
<th>COLLEGE COURSE TITLE</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESET 0103/0103L</td>
<td></td>
<td>(2)</td>
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<tr>
<td>ESET 0104/0104L</td>
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<td>(4)</td>
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<td>ESET 0105/0105L</td>
<td></td>
<td>(6)</td>
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<tr>
<td>ESET 0106</td>
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</table>

*The above courses are also equivalent to the 1st semester core of the Robotics and Communication Systems Engineering Technology program

RECT 0141- Applied Mathematics 1 – 0141- Applied Mathematics 1 – 4cr
RCET 0153- Electronics Theory – 5cr
RCET 0155- Electronics Lab – 5cr

**Uniform Articulation of College Credit**

1. Awarding Tech Prep credit is a function of the postsecondary institution(s). Articulated Tech Prep courses must meet college course standards. Students may be required to complete a competency assessment.

2. Secondary Tech Prep students who desire to articulate credits to the postsecondary program must:
   a. complete an approved course and demonstrate at least 80% competencies in each articulated course;
   b. earn a minimum grade of B- in each articulated course; and,
   c. be registered as a Tech Prep student in the CATEMA system.

3. Articulation agreements will be reviewed annually and remain in effect until canceled by either party. A notice of intent to discontinue the agreement must be presented to the other partner and to the regional Tech Prep Coordinator. Changes in the agreement may only be made with the consent of both the secondary school and postsecondary institution. If agreement to amend an articulation cannot be reached, the agreement will terminate on a mutually established date.

4. By signing this agreement, secondary instructors agree to maintain a record of articulated courses, provide end-of-course grades, competency attainment, and comments regarding students’ progress using the CATEMA system.

5. Credits earned in this program may transfer to other Idaho institutions. There may be a transcription fee for articulated credit.

6. Tech Prep courses will meet Perkins IV requirements, such as: career counseling; equal access; in-service training; business and industry involvement; academic integration; alignment of course competencies; and, assessment of work-based learning.

Curt Thomas, Instructor  
Hillcrest High School  
9-6-12  
Date

Doug Mclaren, Principal  
Hillcrest High School  
12-4-12  
Date

Lawrence Beery, Program Coordinator  
Energy Systems Technology and Education Center  
9-6-12  
Date

Shane Slack, Program Coordinator  
Robotics and Communications  
9-7-12  
Date

Tom Putnam, Coordinator  
Region 5 Tech Prep  
9-6-12  
Date