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**Applied Engineering Technologies (1504993099)**

**Alternative Energy**

**Program Coordinator: Kevin Jensen E-mail: kevin.jensen@kctcs.edu Phone: 859-246-6681**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/energy-management.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/energy-management.aspx)

**Student Name: Student ID:**

***Students need to be at KCTCS placement levels for all courses***

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| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| AET102 Introduction to Energy, OR BIO120 Human Ecology (3) ANDBIO121 Human Ecology Lab (1) | 4 |  |  |  |
| MAT126 Technical Algebra and Trigonometry, OR MAT150 College Algebra, OR Higher level math | 3 |  |  |  |
| **Total Semester Credit Hours** | **7** |  |  |  |

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| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| AET110 Introduction to Circuit Analysis | 4 |  |  |  |
| AET114 Solar and Wind Energy Generation  | 4 |  |  |  |
| **Total Semester Credit Hours** | **8** |  |  |  |
| **Total Credential Hours** | **17** |  |  |  |

***Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.***

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Special Instructions:** |
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