

Student Name: _____ District: _____



**Skill Alignment Chart for:
Heavy Equipment Technology - CIP Code: 47.0302**

BCTC East Campus

Educational & Physical Attributes	Expectations	Counselor Comments
Program Safety & Physical Considerations	<ul style="list-style-type: none"> • A focus on safety around moving equipment, hand & power tools and other equipment found in the industry • Ability to diagnose the source of a problem quickly and accurately • Ability to work independently, read and follow directions • Ability to work in tight spaces • Eye/hand coordination • Stamina to stand for long periods of time • Willingness to work in all kinds of weather 	
Vocational Testing (SAM) Essential APTITUDES for this lab - Recommended levels	Scores of average or above on: <ul style="list-style-type: none"> • Eye/hand/foot coordination • Color discrimination • Finger and manual dexterity • Form perception 	
Reading & Language Arts Levels	<ul style="list-style-type: none"> • College level textbook, 9th-12th grade technical manuals • Oral & written communication skills 	
Math Levels	<ul style="list-style-type: none"> • Compute ratio, rate and percent • Measurements of fractions, decimals & percents • Standard measurement • Tape measurement reading to the 16th of an inch • Use of measuring devices to 1/1000th of an inch 	
Homework	<ul style="list-style-type: none"> • Average 3 hours a week 	

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Educational & Physical Attributes	Expectations	Counselor Comments
Tasks Per Week	<ul style="list-style-type: none">• Approximately 10 tasks per marking period	
Tests	<ul style="list-style-type: none">• 1-2 tests a week with quizzes	
Study & Other Items	<ul style="list-style-type: none">• Ability to work independently• Ability to work with a team to complete projects• Basic electrical knowledge• Critical thinking skills• Detail oriented• Basic computer skills• Tool purchase requirement for this career	

This sheet is designed to give you a better idea of course requirements. This is for your information only. If you have any questions about anything on this sheet, please do not hesitate to **contact your counselor**.

07/11/2014