

Student Name: _____ District: _____



**Skill Alignment Chart for:
Diesel Equipment Technology - CIP Code: 47.0613**

BCTC-East Campus

Educational & Physical Attributes	Expectations	Counselor Comments
Program Safety & Physical Considerations	<ul style="list-style-type: none"> • Complete an OSHA 10 hour general industry safety training during 1st year • A focus on safety around moving equipment, hand tools, power tools and other equipment found in the industry • Ability to diagnose the source of a problem quickly and accurately • Ability to work in tight spaces • Ability to work independently, read and follow directions • Stamina to stand for long periods of time 	
Vocational Testing (SAM) Essential APTITUDES for this lab - Recommended levels	Scores of average or above on: <ul style="list-style-type: none"> • Color discrimination • Eye/hand/foot coordination • Finger and manual dexterity • Form perception • Spatial 	
Reading & Language Arts Levels	<ul style="list-style-type: none"> • 9th-12th grade or higher tech manuals, College level textbooks • Proficient oral and written communication skills 	
Math Level / English Levels	<ul style="list-style-type: none"> • Compute ratio & rates • Fractions, decimals, percents • Use of measuring devices to 1/10000 inch • Standard measurement • Weights 	
Lecture Time	<ul style="list-style-type: none"> • 45 minutes per day 	

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Educational & Physical Attributes	Expectations	Counselor Comments
Homework	<ul style="list-style-type: none">On average 3 hours per week	
Tasks Per Week	<ul style="list-style-type: none">10 tasks per marking period	
Tests	<ul style="list-style-type: none">1-2 tests a week with quizzes	
Study Skills and Other Items	<ul style="list-style-type: none">Ability to work as a team & independentlyBasic electrical knowledgeBasic computer skillsCritical thinking skillsDetail orientatedConsideration of tools purchase required 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