

Student Name: _____ District: _____



**Skill Alignment Chart for:
Precision Machining Technology - CIP Code: 48.0501**

BCTC West Campus

Program Highlights	Notes
Program Safety & Physical Considerations <ul style="list-style-type: none">• A focus on safety around machinery, hand tools, power tools and other equipment found in the industry• Able to lift 25-50lbs• Ability to work independently, read and follow directions• Good eye/hand coordination, fine motor skills• Stamina to stand for long periods of time	
Industry Certifications <ul style="list-style-type: none">• OSHA• NIMS Level I• NIMS Level II	
Reading & Language Arts Levels <ul style="list-style-type: none">• 10th grade level	
Math Level <ul style="list-style-type: none">• Ability to read and use a ruler• Computation with decimals and fractions• Metric/English Units• Understand/use math order of operations	

Student Name: _____ District: _____

Program Highlights	Notes
Lecture Time <ul style="list-style-type: none">• Approximately 20-30 minutes per day	
Homework <ul style="list-style-type: none">• 2 times per week	
Tasks Per Week <ul style="list-style-type: none">• 40-50 tasks per year, but tasks per marking period vary	
Tests <ul style="list-style-type: none">• Approximately 1 test/quiz per week• Math• Blueprints	
Study & Other Skills <ul style="list-style-type: none">• Ability to work with a team and independently to complete projects• Ability to visualize 2 dimensional drawings as 3 dimensional objects• Basic computer skills• Mechanical drawing interpretation desirable• Ability to focus on details and perform multi-step processes	

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**.