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| Year 1 | <p><u>1st Quarter</u></p> <ul style="list-style-type: none"> • Safety Review • Basic Measurement • NIMS Introduction • Basic Shop Math • Preventative Equipment Maintenance • Elementary Blueprint Concepts • Basic Sawing Applications • Basic Drilling Applications • Basic Milling Applications • Basic Lathe Applications • Basic Grinding Applications | <p><u>2nd Quarter</u></p> <ul style="list-style-type: none"> • Measurement & Safety Concepts • Semi-Precision Measurement • NIMS Job Planning, Bench-work & Layout • Basic Shop Math • Preventative Equip. Maintenance • Elementary Blueprint Concepts • Sawing Applications • Drilling Applications • Milling Applications • Lathe Applications • Grinding Applications | <p><u>3rd Quarter</u></p> <ul style="list-style-type: none"> • Measurement & Safety Concepts • Precision Measurement • NIMS Job Planning Bench-work & Layout • Basic Shop Math • Preventative Equip. Maintenance • Elementary Blueprint Concepts • Sawing Applications • Drilling Applications • Milling Applications • Lathe Applications • Grinding Applications | <p><u>4th Quarter</u></p> <ul style="list-style-type: none"> • Measurement & Safety Concepts • Precision Measurement & Semi-Precision Measurement • NIMS Job Planning Bench-work & Layout • Basic Shop Math • Preventative Equip. Maintenance • Elementary Blueprint Concepts • Introduction of CNC Concepts • Sawing Applications • Drilling Applications • Grinding Applications |
| Year 2 | <p><u>1st Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • NIMS Level 1 Manual Milling, Drill Press, Turning & Surface Grinding • Intermediate Blueprint Concepts • Shop Math • Sawing Applications • Milling Applications • Drilling Applications • Lathe Applications • Grinding Applications | <p><u>2nd Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • NIMS Level 1 Manual Milling, Drill Press, Turning & Surface Grinding • Intermediate Blueprint Concepts • Shop Math • Sawing Applications • Milling Applications • Drilling Applications • Lathe Applications • Grinding Applications | <p><u>3rd Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • NIMS Level 1 Manual Milling, Drill Press, Turning & Surface Grinding • Intermediate Blueprint Concepts • Shop Math • Sawing Applications • Milling Applications • Drilling Applications • Lathe Applications • Grinding Applications • Intro to CNC Mill Applications | <p><u>4th Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • Heat Treatment Processes • NIMS Level 1 Manual Milling, Drill Press, Turning & Surface Grinding • Intermediate Blueprint Concepts • Shop Math • Sawing Applications • Milling Applications • Drilling Applications • Lathe Applications • Grinding Applications • Intro to CNC Lathe Applications |

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| Year 3 | <p><u>1st Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • Bench work • Heat Treatment Processes • NIMS Level 1 Milling , Drilling, Grinding & Turning • Advanced Blueprint Concepts • Advanced Shop Math • Advanced Milling Applications • Advanced Lathe Applications • Advanced Grinding Applications • CNC Lathe Programming • CNC Mill Programming • Co-Operative Education Training | <p><u>2nd Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • Bench work • Heat Treatment Processes • NIMS Level 1 Milling , Drilling, Grinding, & Turning • Advanced Blueprint Concepts • Advanced Shop Math • Advanced Milling Applications • Advanced Lathe Applications • Advanced Grinding Applications • NIMS CNC Lathe Programming • NIMS CNC Mill Programming • Co-Operative Education Training | <p><u>3rd Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • Career Acquisition Training • Senior Portfolio • NIMS Level 1 Milling , Drilling, Grinding, & Turning • Advanced Blueprint Concepts • Advanced Shop Math • Advanced Milling Applications • Advanced Lathe Applications • Advanced Grinding Applications • Introduction to 2D Master Cam CAD/CAM Software • NIMS CNC Lathe Programming • NIMS CNC Mill Programming • Co-Operative Education Training | <p><u>4th Quarter</u></p> <ul style="list-style-type: none"> • Industrial Shop Safety • Bench work • Heat Treatment Processes • Career Acquisition Training • Senior Portfolio • NIMS Level 1 Milling , Drilling, Grinding, Turning, & CNC Mill On-Line Exams • Advanced Blueprint Concepts • Advanced Shop Math • Advanced Milling Applications • Advanced Lathe Applications • Advanced Grinding Applications • 2D Master Cam CAD/CAM Software • NIMS CNC Lathe Applications • NIMS CNC Mill Applications • Co-Operative Education Training |
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