

PRECISION MACHINING
INSTRUCTIONAL SEQUENCE CHART

	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
YEAR I	Safety Review Basic Measurement Job Planning & Layout Basic Shop Math Preventative Equip. Maintenance Elementary Blueprint Concepts Basic Sawing Applications Basic Drilling Applications Basic Milling Applications Basic Lathe Applications Basic Grinding Applications	Measurement & Safety Concepts Semi-Precision Measurement Job Planning & Layout Basic Shop Math Preventative Equip. Maintenance Elementary Blueprint Concepts Sawing Applications Drilling Applications Milling Applications Lathe Applications Basic Grinding Applications	Measurement & Safety Concepts Job Planning & Layout Basic Shop Math Preventative Equip. Maintenance Introduction of CNC Concepts Sawing Applications Drilling Applications Basic CNC Milling Applications Basic CNC Lathe Applications Basic Grinding Applications	Measurement & Safety Concepts Job Planning & Layout Basic Shop Math Preventative Equip. Maintenance Introduction of CNC Concepts NIMS Level 1 Bench work and Layout Sawing Applications Drilling Applications Basic CNC Milling Applications Basic CNC Lathe Applications Grinding Applications
YEAR II	<u>1st Quarter</u> Industrial Shop Safety Heat Treatment Processes RAM EDM Processes CNC Programming Concepts 2D Master Cam CAD/ NIMS Level 1 Milling , Drilling & Grinding Intermediate Blueprint Concepts Shop Math Milling Applications Lathe Applications Grinding Applications CNC Lathe Applications CNC Mill Applications	<u>2nd Quarter</u> Industrial Shop Safety Heat Treatment Processes RAM EDM Processes CNC Programming Concepts 2D Master Cam CAD/ NIMS Level 1 Milling , Drilling & Grinding Intermediate Blueprint Concepts Shop Math Milling Applications Lathe Applications Grinding Applications CNC Lathe Applications CNC Mill Applications	<u>3rd Quarter</u> Industrial Shop Safety Heat Treatment Processes RAM EDM Processes CNC Programming Concepts 2D Master Cam CAD/ NIMS Level 1 Milling , Drilling & Grinding Shop Math Milling Applications Lathe Applications Grinding Applications CNC Lathe Applications CNC Mill Applications	<u>4th Quarter</u> Industrial Shop Safety Heat Treatment Processes RAM EDM Processes CNC Programming Concepts 2D Master Cam CAD/ NIMS Level 1 Milling , Drilling & Grinding Shop Math Milling Applications Lathe Applications Grinding Applications CNC Lathe Applications CNC Mill Applications

YEAR III	<p><u>1st Quarter</u> Industrial Shop Safety Bench work Heat Treatment Processes RAM EDM Processes Advanced Grinding Applications Advanced CNC G/ M Code Programming NIMS Level 1 Milling , Drilling, Grinding, & CNC Mill On-Line Exams Advanced Blueprint Concepts Advanced Shop Math Advanced Milling Applications Advanced Lathe Applications 2D Master Cam CAD/CAM Software Training Advanced CNC Lathe Applications Advanced CNC Mill Applications Co-Operative Education Training</p>	<p><u>2nd Quarter</u> Industrial Shop Safety Bench work Heat Treatment Processes RAM EDM Processes Advanced Grinding Applications Advanced CNC G/ M Code Programming NIMS Level 1 Milling , Drilling, Grinding, & CNC Mill On-Line Exams Advanced Blueprint Concepts Advanced Shop Math Advanced Milling Applications Advanced Lathe Applications 2D Master Cam CAD/CAM Software Training Advanced CNC Lathe Applications Advanced CNC Mill Applications Co-Operative Education Training</p>	<p><u>3rd Quarter</u> Industrial Shop Safety Bench work Heat Treatment Processes RAM EDM Processes Career Acquisition Training Senior Portfolio Advanced Grinding Applications Advanced CNC G/ M Code Programming NIMS Level 1 Milling , Drilling, Grinding, & CNC Mill On-Line Exams Advanced Blueprint Concepts Advanced Shop Math Advanced Milling Applications Advanced Lathe Applications 2D Master Cam CAD/CAM Software Training Advanced CNC Lathe Applications Advanced CNC Mill Applications Co-Operative Education Training</p>	<p><u>4th Quarter</u> Industrial Shop Safety Bench work Heat Treatment Processes RAM EDM Processes Career Acquisition Training Senior Portfolio Advanced Grinding Applications Advanced CNC G/ M Code Programming NIMS Level 1 Milling , Drilling, Grinding, & CNC Mill On-Line Exams Advanced Blueprint Concepts Advanced Shop Math Advanced Milling Applications Advanced Lathe Applications 2D Master Cam CAD/CAM Software Training Advanced CNC Lathe Applications Advanced CNC Mill Applications Co-Operative Education Training</p>