

CNC Multi-function Programmer Training
(CNC 5803)

**Fundamental CNC Programming &
Operation of CNC Lathes** (CNC 5501)

ELECTRICAL/MECHANICAL (Okuma)

Elec. Main. Lathes & MCs OSP 5000/5020
(EL 5501)

Elec. Maintenance Lathes & MCs OSP 7000
(EL 5701)

**Elec. Main. Lathes & MCs OSP 100u
Control** (EL 5801)

Elec. Maint. Lathes & MCs OSP E10/E100
(EL 5821)

Elec. Main. Lathes & MCs OSP THINC
(EL 5901)

Elec. Main. Lathes & MCs OSP THINC
(EL 5901/EL 5902)

Elec. Main. Lathes & MCs OSP THINC
(EL 5902)

Mechanical Maintenance Lathes
(MM 5101)

Mechanical Maintenance Spindle Rebuild
(MM 5102)

Mechanical Maintenance LB-1000 Series
(MM 5103)

Mechanical Maintenance MacTurn Series
(MM 5121)

**Mechanical Maintenance for MacTurn H1
Turret Alignments** (MM 5122)

Mech. Main. for MacTurn Alignments
(MM 5123)

Mech. Main. MULTUS Advanced
(MM 5127)

Mechanical Maintenance MB, MF, MU
(MM 5202)

LEAN

**Principles of Lean Manufacturing:
A Live Simulation** (LN 1100)

This one-day course is a mix of classroom and live manufacturing simulation that illustrates the power of implementing Lean Manufacturing techniques. The results of the first round of simulation provide the basis for continuous improvement, as the participants learn about the different lean techniques and apply them in subsequent simulated rounds. Previous participants have immediately applied the principles and began seeing financial impact. (Our most popular workshop and most requested for on-site training).

Value Stream Mapping (LN 1101)

Learn to “see” the flow of information and materials throughout the value stream in an organization and develop current and future state maps and plan improvements that will provide the most return on investment. Participants will learn to identify and evaluate capacity, value-added and non-value added activities, constraints, resources, and lead times then will learn the steps necessary to eliminate waste in the value stream and identify the changes needed.

**5S Workplace Organization &
Standardization** (LN 1102)

The 5S System is a series of activities designed to improve workplace organization and standardization. This one-day workshop offers you an opportunity to experience firsthand how the 5S System reduces waste in the mounting plate assembly area of a simulated production facility. Participants learn the concepts of 5S and then apply them to transform a cluttered, disorganized production area into a clean, organized and orderly workplace.

Setup Reduction – Quick Changeover
(LN 1103)

This one-day workshop allows participants to learn the principles of Setup reduction and the Single Minute Exchange of Die (SMED) System. Participants will apply the four-step Changeover Improvement Process to achieve Setup Reduction in a simulation exercise. Participants will: Learn the basic principles of SMED, identify and apply proven techniques for converting internal setup to external setup tasks, develop streamlined processes for internal and external setup tasks, and create an improved changeover process that focuses on low (or no) cost solutions.

Problem Solving (LN 1104)

This one-day course is a mix of classroom and practical exercises that illustrate how solving problems and eliminating defects fits into a continuous improvement strategic initiative. Participants will: Learn and use the 5 step DMAIC process for Problem Solving, learn and practice problem solving tools and methods and , learn mistake proofing approaches and guidelines

Total Productive Maintenance (LN 1105)

This one-day Total Productive Maintenance (TPM) workshop offers participants an opportunity to learn how to maximize equipment productivity (OEE) over extended periods. TPM fosters an environment where improvement efforts in Safety, Quality, Delivery, Cost and Creativity are encouraged through the participation of all employees.

Lean Mastery: Online.
www.gatlineducation.com/yorktechcomputers/

TRADITIONAL MANUFACTURING

**Applied Technology for High Performance
Work Teams** (TD-1238-003)

In today’s multi-tasking, multi-craft environment, it is no longer enough to just operate equipment. Today’s manufacturing technicians must be able troubleshoot, perform preventive maintenance and make routine repairs. This 60-hour program provides students with skills in electrical, hydraulic, pneumatic systems; blueprint reading, measurement tools, and more which equates to a more valuable team member. Follows MSSC recommendations. Some Wednesday and Saturday labs may be scheduled.

Electrical Safety in the Workplace
(TD 1210)

A review of the changes between the NFPA 70E 2004 guidelines and the newly issued 2009 guidelines, this class provides a strong foundation in support of electrical safety in the workplace.

Lockout/Tagout (TD-1220)

Intended for team leaders, middle managers, human resources personnel, safety and health committee members, and other employees who have recently been appointed to safety and health responsibilities, this course increases the OSHA-required knowledge for Lockout/Tagout regulations. (Contract training or on-demand only)

Confined Space Rescue (TD-1230)

Targeted discussion and activities led by a professional facilitator breaks down the regulations concerning CSR into terms students can understand. In these four hours you will learn practices and procedures to ensure compliance and protect employees. (Contract training or on-demand only)

*Find the full listing of
classes offered through
the Center for Advanced
Manufacturing at
yorktech.edu/CE/CAM.php*