INDUSTRIAL SYSTEMS TECHNOLOGY MAINTENANCE

BOOTCAMP

10 WEEKS

• HYD-110 Hydraulics/Pneumatics I | 6/3–6/27
  Monday–Thursday, 10:45 a.m. - 1:45 p.m.

• MNT-110 Intro to Maintenance Procedures | 7/1–7/25
  Monday–Thursday, 10:45 a.m. - 2:00 p.m.

• Fabrication and Mechatronics | 5/20–7/25 (tentative)
  Continuing Education
  Monday–Thursday, 8:00 a.m. - 10:30 a.m.
This course introduces the basic components and functions of hydraulic and pneumatic systems. Topics include standard symbols, pumps, control valves, control assemblies, actuators, FRL, maintenance procedures, and switching and control devices. Upon completion, students should be able to understand the operation of a fluid power system, including design, application, and troubleshooting.

Students will have the opportunity to earn an NC3 certification in Hydraulics level I and Pneumatics level I.

HYD-110 HYDRAULICS/PNEUMATICS I

MNT-110 INTRO TO MAINTENANCE PROCEDURES

This course covers basic maintenance fundamentals for mechanically driven industrial equipment. Topics include equipment inspection, lubrication, alignment, and other scheduled maintenance procedures. Upon completion, students should be able to demonstrate knowledge of accepted maintenance procedures and practices according to current industry standards.

Students will have the opportunity to earn an NC3 certification in Mechanical Systems and Applied Mechanical Systems.

FABRICATION AND MECHATRONICS

This course covers basic operation of manual machining equipment and tools, basic fundamentals of welding, basic industrial troubleshooting, and adjustment of pneumatic components, electronic sensors, and related equipment. Upon completion, students should be able to perform basic maintenance functions on mechatronics equipment and modify or fabricate simple parts in order to help keep industrial machinery in good operating condition. Soft skills will also be addressed in order to improve employability.

SCHOLARSHIPS

LCC has scholarships available for education and training programs. To learn more about the scholarships, contact us!

FOR MORE INFORMATION CONTACT

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