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CURRICULUM COMMITTEE

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The Manufacturing Technology program is designed to prepare the student for an entry level position in the workforce and to provide continuing education. It focuses on fabrication of products based on industrial blueprints and/or product specifications in industrial technology. The program will provide students with a broad range of skills including industrial safety, fabrication, hydraulics and pneumatics, industrial electricity, basic machining, and blueprint reading. Students completing the program will have the manufacturing skills to solve technical challenges and work in the production trades.

**FOR MORE INFORMATION, CONTACT:** Albert Graham 831-755-6088, [agraham@omc.thll.edu](mailto:agraham@omc.thll.edu) Alisal Campus B-123

**PROGRAM LEARNING OUTCOMES**

Upon successful completion of the Manufacturing Technology Program, a student will be able to:

- Demonstrate the ability to adhere to personal, industry, and OSHA safety standards in all projects.
- Analyze and solve manufacturing problems and applications using a variety of fabrication and basic machining processes.
- Explain, identify and troubleshoot applications of hydraulics and pneumatics as it pertains to manufacturing.
- Communicate effectively, both orally and in writing, using appropriate technical language
- Explain, identify, and troubleshoot applications of industrial electricity as it pertains to manufacturing.
- Read, interpret, and compare industrial blueprints.



