

MANUFACTURING TECHNOLOGY

(Also see Mechanical Design/CAD)

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Oakton's curriculum provides courses that include fundamental theories and principles, as well as hands-on applications involving new manufacturing technologies. Our mechatronics, automation and CNC curricula train students to productively carry out high-tech manufacturing-related tasks, such as: programming and troubleshooting automation equipment; programming and troubleshooting robotic work cells; CNC machine programming; part programming (CAM); robotic CIM cell layout and fabrication, installation, and the maintenance of computer controlled manufacturing equipment; evaluation of new manufacturing technologies and their applications; and product sales engineering and representation.