

INDUSTRIAL TECHNOLOGY (IND)

IND-156 Microcomputers for the Trades (2)

Introduces personal computer concepts and basic computer applications. Covers basic concepts of MS Windows, Office, CAD, Angel, Amatrol and other software used in the IMT, EPDT and AIT programs. This course is intended for students with no knowledge or experience using personal computers. Arts & Sciences Elective Code: B

Hours per week: 1.0 lecture, 2.0 lab

IND-196 Fundamentals of Hydraulic and Pneumatic Systems (5)

Focuses on proper usage and application of, as well as the theory and physics behind, hydraulic and pneumatic systems and controls. Introduces the various components used in each type of system, electro-hydraulic components, electro-pneumatic components and component selection. Students design, assemble and troubleshoot various types of hydraulic and pneumatic control systems and components. Arts & Sciences Elective Code: B

Hours per week: 2.0 lecture, 6.0 lab