CNC 154: Metallurgy

This course covers the production, properties, testing, classification, microstructure and heat treating effects of ferrous and non-ferrous metals. Topics include the iron-carbon phase diagram, ITT diagram, ANSI code, quenching, senescing, and other processes concerning metallurgical transformations. Upon completion, students should be able to understand the iron-carbon phase diagram, ITT diagram, microstructure images, and other phenomena concerning the behavior of metals.

Credits: 3

Transfer Code: Code C

Lab Hours: 2 Lecture Hours: 2

Program: Computerized Numerical Control

Semester Offered:

Fall Spring Summer

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