

The World Awaits You!

Manufacturing Engineering Technology

Offered at San Diego City College
Fall 2009 Classes Begin August 24

Course Offerings:

MFET 101: Introduction to Manufacturing Engineering Technology • 3.0 Units

Course provides an overview of manufacturing principles, from design to automation, quality, lean, safety and environmental considerations. Students will also learn about MFET academic program and various career options in manufacturing.

40673 TTh 12:45–2:10 PM Room T-216 Ngo, T. 08-24 to 12-19

MFET 105: Print Reading and Symbology • 3.0 Units

Course is a study of the types of symbols and engineering notations used for mechanical, electrical, electronic, hydraulic and pneumatic drawings. Geometric dimensioning and tolerancing are also covered.

79581 Online Walsh, T. 08-24 to 12-19

MFET 110: Industrial Safety • 2.0 Units

Study safety fundamentals in the industrial environment and their relation to accident prevention. Upon successful completion, receive OSHA 30-hour Training Completion Card in Construction or General Industry.

09749 TTh 4:15–5:55 PM Room T-216 Ngo, T. 08-24 to 10-17

MFET 115: Properties of Materials • 3.0 Units

This lecture/lab course is a study of the chemical, physical and mechanical properties of industrial materials including metals, ceramics, polymers and composites.

79594 TTh 6:05–7:45 PM Room T-216 Yan, G. 08-24 to 12-19

MFET 150: Manufacturing Automation • 3.0 Units

This lecture/lab introduces students to the principles of manufacturing automation, process and machine control, programmable logic controllers, robotics, part handling and assembly. Students also learn concepts of group technology, flexible manufacturing systems and their applications in manufacturing industries. Fall semester only.

40668 M 4:55–7:00 PM and W 4:55–8:00 PM Room T-216 Ngo, T./Jacques, A. 08-24 to 12-19

MFET 230: Lean Manufacturing • 3.0 Units

This lecture/lab course introduces students to different Lean tools including value stream mapping, 5-S process, seven deadly wastes, standardized work flow, error proofing, setup reduction, integrated reliability, and production and inventory control. Fall semester only.

86378 M 7:10–10:15 PM and W 8:10–10:15 Room T-216 Albrecht, K. 08-24 to 12-19

ENGN 128: Electronics for Technology • 3.0 Units

This is an electronics course for non-electronics majors. Course covers basic electronics, devices and digital electronics. The focus is placed on industrial applications. Fall semester only.

40639 TTh 6:00–8:30 PM Room T-214 Higgins, C. 08-24 to 12-19

For further course and program information, contact:

Dr. Truc Ngo at tngo@sdccd.edu or (619) 388-3394

MFET program web site: <http://www.sdccity.edu/careertech/mfet/>

Not a current City College student?

Contact Admission Office at (619) 388-3475

or visit web site www.sdccity.edu



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