
MANUFACTURING TECHNOLOGY

MFGT-70. INTRODUCTIONS TO MECHANIZED AGRICULTURE(G)

Lec 2 Hrs; **Lab** 3 Hrs

Introduction to mechanized agriculture involves basic mechanical skills in woodworking, cold metal, electricity, plumbing, concrete, and project construction skills as related to farm maintenance and repair. Hand and power tool use skills will be developed. Safety practices for all mechanical areas will be covered. Formerly AGR-56 and AIT-70. Not open to students who have completed AGR-56 or AIT-70 with a grade of "C" or better.

7089	Th	10:00AM-11:50AM	A. Graham III	AC-B123	3.00
	Th	12:00PM-02:50PM	A. Graham III	AC-B123	

Section 7089 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MFGT-140. INTRODUCTION TO INDUSTRIAL HYDRAULICS AND PNEUMATICS (G)

Lec 1.50 Hrs; **Lab** 1.50 Hrs

Introduction to hydraulic and pneumatic principles, fluid safety, system components and applications. The course will explore principles of physics as they pertain to fluid power, differences in hydraulics and pneumatics, as well as the characteristics of liquids and gases. Students will study schematics and blueprints, industrial standards, and the technical language of fluid power.

7088	W	06:00PM-07:20PM	A. Graham III	AC-B123	2.00
	W	07:30PM-08:50PM	A. Graham III	AC-B123	

Section 7088 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MFGT-150. INTRODUCTION TO INDUSTRIAL ELECTRICITY (G)

Lec 1.50 Hrs; **Lab** 1.50 Hrs

A study of electrical maintenance in plant operations. Stresses safety, proper use of tools, principles of electricity, basic electrical circuits, electrical conductors, grounding techniques, wire practices and layouts.

7087	M	06:00PM-07:20PM	H. Painter	AC-B123	2.00
	M	07:30PM-08:50PM	H. Painter	AC-B123	

Section 7087 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MFGT-180. INDUSTRIAL WORKPLACE SKILLS (G)

Lec 1 Hr

Basic work and personal skills needed for success on the job in an industrial environment. Formerly AIT-180. Not open to students who have completed AIT-180 with a grade of "C" or better.

7117	W	05:00PM-05:50PM	A. Graham III	AC-B123	1.00
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Section 7117 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.