Stanislaus County Area

Manufacturing & Maintenance

Joint Apprenticeship Program

Packaging Technician

The Packaging Technician Apprenticeship Program is designed for individuals hired as apprentices by member employers of the Stanislaus County Area Manufacturing and Maintenance Joint Apprenticeship Committee. The program is composed of 576 hours of classroom and lab instruction and 8,000 hours of on-the-job training and is approximately 4 years in length. The program is designed so that the employer hires the apprentice, and the apprentice increases his/her occupational skills and knowledge through On-The-Job Training (OJT) at the employer site while attending specific college courses approved as related supplemental instruction (RSI) at Modesto Junior College. Students interested in more information about the program should contact the MJC Technical Education Office for a listing of member employers.

Courses

MFGA	200	Arc and Gas Welding
MFGA	204	Gas Metal Arc (MIG) and Flux Core Arc Welding (FCAW)
MFGA	208	The World of Electricity and Electronics
MFGA	232	Introduction to Programmable Logic Controllers
MFGA	262	Hydraulics/ Pneumatics
MFGA	301	Machine Shop 1
MFGA	331	Sheet Metal and Installation I
MFGA	376	Mechanical Blue Print Reading

Packaging Technician

Work Process

	Hours
Working with maintenance personnel on each type of packaging equipment	1,000
Reading and using packaging equipment blueprints and operating instructions	800
Analyzing operating and maintenance problems for each piece of packaging equipment and develop corrective measures, including electrical, mechanical, pneumatic and hydraulic components	1,000
Developing and maintaining materials and parts list to support maintenance	600
Ordering materials and parts necessary for installation and maintenance	600
Developing plan of installation of new packaging equipment and perform tasks necessary for installation, including mounting, leveling coordinating work of required craft and start-up certification	1,000
Designing and fabricating add-on or replacement accessories which are likely to require sheet metal layout and fabrication, welding and installation of mechanical components	1,000
Working with electricians performing initial wiring connections and maintenance of packaging equipment to learn system safety and operation	1,000
Installing, programming and maintaining PLC systems	1,000
Total Hours	8,000

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