



First-Line Supervisors of Mechanics, Installers, and Repairers

SOC Code 49-1011 • Projected Growth (2020) 5 %

Description

What First-Line Supervisors of Mechanics, Installers, and Repairers Do

Directly supervise and coordinate the activities of mechanics, installers, and repairers. Excludes team or work leaders.

Duties

- Determine schedules, sequences, and assignments for work activities, based on work priority, quantity of equipment, and skill of personnel.
- Monitor employees' work levels and review work performance.
- Monitor tool and part inventories and the condition and maintenance of shops to ensure adequate working conditions.
- Investigate accidents or injuries and prepare reports of findings.
- Recommend or initiate personnel actions, such as hires, promotions, transfers, discharges, or disciplinary measures.
- Compile operational or personnel records, such as time and production records, inventory data, repair or maintenance statistics, or test results.
- Develop, implement, or evaluate maintenance policies and procedures.
- Counsel employees about work-related issues and assist employees to correct job-skill deficiencies.
- Examine objects, systems, or facilities and analyze information to determine needed installations, services, or repairs.
- Conduct or arrange for worker training in safety, repair, or maintenance techniques, operational procedures, or equipment use.

Training Opportunities Linked to Those Jobs

[\(Degree Types and Colleges/Universities\)](#)

How to Become a First-Line Supervisor of Mechanics, Installer, and Repairer

Education and Training

Most occupations in this zone require training in vocational schools, related on-the-job experience, or an associate's degree.

Job Training

Employees in these occupations usually need one or two years of training involving both on-the-job experience and informal training with experienced workers. A recognized apprenticeship program may be associated with these occupations.

Important Qualities

Management of Personnel Resources - Motivating, developing, and directing people as they work, identifying the best people for the job.

Monitoring - Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Coordination - Adjusting actions in relation to others' actions.

Critical Thinking - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Time Management - Managing one's own time and the time of others.

Local Employers

Cardenas Motors Inc	Brownsville	Coastal Mechanical Svc Ltd	San Benito
Central Bolt & Ind Supplies	Brownsville	Marine Electric Svc	Port Isabel
Motion Industries Inc	Brownsville	Nueces Power Equipment	San Benito
O'Reilly Auto Parts	Brownsville	Rio Mechanical Inc	Harlingen
Prestige Auto Body Shop	Brownsville	Pueblo Tires & Svc	Harlingen

Career Options

(Specific Job Types)

- Maintenance Supervisor
- Production Crew Supervisor
- Facility Maintenance Supervisor
- Maintenance Foreman
- Service Manager
- Maintenance Planner
- Electrical & Instrumentation Supervisor (E&I Supervisor)
- Maintenance Manager
- Crew Leader
- Airport Skilled Maintenance Supervisor

Salary Ranges

Wages for **First-Line Supervisors of Mechanics, Installers, and Repairers**

Location	Pay Period	2012				
		10%	25%	Median	75%	90%
United States	Hourly	\$17.54	\$22.28	\$28.97	\$36.49	\$44.56
	Yearly	\$36,500	\$46,300	\$60,300	\$75,900	\$92,700
Texas	Hourly	\$16.16	\$20.59	\$27.24	\$35.14	\$43.88
	Yearly	\$33,600	\$42,800	\$56,700	\$73,100	\$91,300
Brownsville-Harlingen, TX MSA	Hourly	\$12.29	\$15.20	\$20.23	\$25.51	\$34.45
	Yearly	\$25,600	\$31,600	\$42,100	\$53,100	\$71,700

Sources

The information provided in this document was collected from the following sources:

- Occupational Outlook Handbook (www.bls.gov/ooh/)
- O*NET OnLine (www.onetonline.org)
- Texas CARES (www.texascaresonline.com)
- CareerOneStop (www.careeronestop.org)



Course Overview: Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities.

First-Line Supervisors of Mechanics, Installers, and Repairers

Career Goal (O*NET Code): (49-1011) - Directly supervise and coordinate the activities of mechanics, installers, and repairers. Excludes team or work leaders.

Student Name: _____

Grade: _____

School: _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	(Local districts may list high school credit courses here)	Curricular Experiences: BEST Robotics, Inc FIRST High School Robotics Competition SkillsUSA Technology Student Association TSTC Summer Technology Camps UTB Summer Robotics Camp Career Learning Experiences: Apprenticeship Career Preparation Internship Job Shadowing	Extracurricular Experiences: National Engineering Design Competition School Newspaper Student Government UIL Academic Competitions Yearbook Service Learning Experiences: Campus Service Organizations Community Service Volunteer Habitat for Humanity Peer Mentoring / Peer Tutoring	
High School	9th	Core Courses:	English I Algebra I or Geometry Biology			World Geography Languages other than English I Physical Education
		Career-Related Electives:	Principles of Manufacturing			
	10th	Core Courses:	English II Geometry or Algebra II Chemistry			World History Languages other than English II
		Career-Related Electives:	Precision Metal Manufacturing or Welding			
	11th	Core Courses:	English III Algebra II or Pre-Calculus Physics/Principles of Technology I			United States History Professional Communications Languages other than English III
		Career-Related Electives:	Advanced Precision Metal Manufacturing or Advanced Welding			
12th	Core Courses:	English IV Precalculus/Engineering Mathematics/Calculus Engineering Design and Problem Solving	Government/Economics Fine Arts			
	Career-Related Electives:	Practicum in Manufacturing or Problems and Solutions or Career Preparation I				

COLLEGE CREDIT OPPORTUNITIES -- High School

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated credit courses, if possible. List those courses that count for college credit on your campus.

How to Become a First-Line Supervisors of Mechanics, Installers, and Repairers
 The education level and qualifications needed to enter these jobs vary depending on the industry and employer. Although a high school diploma is enough for most jobs, experience and extra training is needed for more advanced work.

Career Options:

Professional Associations:

Postsecondary	Texas Southmost College South Texas College Texas State Technical College		
	University of Texas at Brownsville		University of Texas - Pan American

- Maintenance Supervisor
- Production Crew Supervisor
- Facility Maintenance Supervisor
- Electrical & Instrumentation Supervisor
- Airport Skilled Maintenance
- Maintenance Foreman
- Service Manager
- Maintenance Planner
- Maintenance Manager
- Crew Leader

Students may select other elective courses for personal enrichment purposes.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2012. All plans meet high school graduation requirements as well as college entrance requirements.