

## **YUBA COMMUNITY COLLEGE DISTRICT**

### **CLASS TITLE: AUTOMOTIVE AND EQUIPMENT MECHANIC**

**BASIC FUNCTION:** Under the direction of an assigned supervisor, perform skilled repair work in the maintenance, repair and preventive maintenance of District vehicles and equipment.

#### **REPRESENTATIVE DUTIES:**

Test, diagnose and repair vehicles, including District cars, trucks, electric carts, tractors, forklifts and other equipment. (E)

Repair, maintain, inspect and perform preventive maintenance on District vehicles. (E)

Adjust and repair brakes; inspect, repair and replace belts, rotors, hoses, air and hydraulic brake systems; repair and replace master cylinders and wheel cylinders; pull, mount and balance tires. (E)

Diagnose and repair air conditioning systems. (E)

Prepare and assure vehicles are optional for daily activities; fuel, check oil, conduct safety inspections, diagnose problems and repair as necessary. (E)

Repair hydraulic and pneumatic systems. (E)

Install and repair starters, carburetors, alternators, regulators, spark plugs, wires, coil and other parts; inspect to assess replacement or repair work. (E)

Operate and maintain a variety of specialized hand and power tools and equipment. (E)

Assist with routine and emergency maintenance in a variety of trades. (E)

Repair and maintain engines, clutches, and axles. (E)

Repair holes, dents and perform minor body work and painting as necessary; operate gas and electric welding equipment. (E)

Perform related duties as assigned.

#### **KNOWLEDGE AND ABILITIES:**

##### **KNOWLEDGE OF:**

Automotive mechanics, methods and tools used in automotive and equipment maintenance and repair

Safe driving practices

Techniques and practices of maintenance and repair of vehicles and equipment

Operation theory and principles of gasoline and diesel engines and electric carts

Basic record-keeping techniques

Laws, rules and regulations related to assigned activities

Health and safety regulations

##### **ABILITY TO:**

Meet schedules and time lines

Learn department and program objectives and goals

Observe legal and defensive driving practices

Work cooperatively with others

#### **EDUCATION AND EXPERIENCE:**

Any combination equivalent to: graduation from high school and five (5) years experience in the skilled mechanical repair of automotive equipment.

**LICENSES AND OTHER REQUIREMENTS:**

Valid driver's license

**ENVIRONMENT:**

Vehicle and equipment repair shop environment

Driving a vehicle to conduct work

Outdoor work environment; subject to seasonal heat and cold or adverse weather conditions

**PHYSICAL ABILITIES:**

Pulling, pushing, lifting and carrying heavy objects

Walking or standing for extended periods

Bending at the waist

Kneeling

Reaching overhead, above the shoulders and horizontally

Dexterity of hands and fingers to operate power tools and equipment

Seeing to observe and perform repairs

Hearing to avoid hazards while driving

**HAZARDS:**

Subject to noise and fumes from equipment operation

Exposure to fumes and vapors

Working in a cramped or restrictive work chamber

Working around and with machinery having moving parts