

Simulation Technician I

Role and Responsibilities

In this role, the Simulator Technician I will be expected to:

- Perform routine technical tasks on site, in field or laboratory.
- Receive training in the various phases of laboratory, office, plant or field technical work.

Key responsibilities will include, but are not limited to:

- Learn and perform preventive maintenance tasks on the simulators and associated simulator systems.
- Assist in diagnosing and correcting problems on the simulators and associated simulator systems.
- Utilize maintenance management system to record and track maintenance activities.
- Complete all designated training activities.
- Perform pre-flight and post flight on designated simulators.
- Perform basic visual alignments.
- Run automatic Qualification Test Guide (QTG).
- Assist with refurbishment and hardware modifications.
- Learn and comply with CAE quality management system.
- Provide customer service support and address customer needs in a timely manner.
- Perform housekeeping functions to maintain the simulators as required.
- Perform logistics duties, including parts received, repair, and testing/validation.
- Perform administrative tasks as required.
- Perform tasks to support the technical services group as required.

Qualifications:

- 2-year technical degree or 4 years in an electronic, avionic, or technical related field.
- Minimum of 0 to 2 years of relevant experience.
- Ability to work flexible shifts and to adapt to changing work schedules.
- Ability to interpret system prints and schematics.
- Proficiency in operating test equipment (oscilloscope, multi-meter, signal generator, logic analyzer, etc.).
- Knowledge in analog and digital theory.
- Computer literate (PC and/or computer mainframe/architecture).
- Proficiency in soldering and circuit board repairs.
- Some Knowledge of Microsoft Office tools and suite.
- Fluency in English.

Physical Effort:

- The physical or muscular exertion required for prolonged standing, walking, and lifting or moving objects (weighing as much as 50lbs) and the resulting fatigue brought about by these activities
- Work in sustained sitting, standing, stooping, and squatting positions. Also climbing on ladders and equipment to heights 25 to 30 feet above the floor. Ability to safely move and work on equipment in confined spaces for reasonable periods of time.
- The physical dexterity required in performing tasks that require hand/eye coordination and fine motor skills.
- Have the manual dexterity, knowledge, and experience necessary to work safely and effectively with various hand tools.
- Ability to maintain situational awareness at all times and work safely on and around complex machinery that is characterized by sudden and at times violent movement in all 3 axes.
- Ability to work safely in cool interior conditions (temps between 55- and 65-degrees Fahrenheit)

Position Type: Regular

CAE thanks all applicants for their interest. However, only those whose background and experience match the requirements of the role will be contacted.

Equal Employment Opportunity

At CAE, everyone is welcome to contribute to our success. With no exception.

As captured in our overarching value "One CAE", we're proud to work as one passionate, boundaryless and inclusive team.

At CAE, all employees are welcome regardless of race, nationality, colour, religion, sex, gender identity or expression, sexual orientation, disability, neurodiversity or age.

The masculine form may be used in this job description solely for ease of reading, but refers to men, women and the gender diverse.