# Electronics Engineer ANZSCO 233411


Electronic engineers are in charge of creating, maintaining, and enhancing the electronic parts and systems utilized in many different sectors of the economy, such as communication and military systems. They create, set up, and test electronic systems and circuits for use in various industries, including those of computers, entertainment, and transportation. For these professionals, a registration or license may occasionally be necessary.

**Skill Level Level 1 or Equivalent**
Most jobs in this category require a bachelor's degree or higher level of expertise. In some cases, relevant experience and/or on-the-job training may also be necessary in addition to the formal qualification (ANZSCO Skill Level 1). Furthermore, registration or licensing may be required.
**Skill Assessment Authority:** EA (Engineers Australia) / AIM
**Unit Group 2334**: Electronics Engineers. Electronic engineers are responsible for developing, maintaining, and improving electronic components and systems used in various sectors of the economy, such as communication and military systems. They design, install, and test electronic systems and circuits for use in a variety of industries, including computers, entertainment, and transportation. Sometimes, these professionals may need to obtain registration or licensing to perform their work.
**Occupations in this Group**
233411 Electronics Engineer

## Electronics Engineers are responsible for the following tasks:

- The electronic systems and circuits used in a variety of industries, including transportation, communications, entertainment, and computers, are designed, planned, implemented, and tested by electronic engineers.
- The electronic systems and circuits used in a variety of industries, including transportation, communications, entertainment, and computers, are designed, planned, implemented, and tested by electronic engineers.
- Electronic engineers create embedded software, specifically for use in electronic systems.
- Electronic engineers develop techniques to test electronic systems, circuits, and parts.
- Electronic engineers ensure efficient management and protection by overseeing the installation and commissioning of computer, communication, and control systems.
- Electronic engineers monitor performance and safety standards.
- Electronic engineers define the usage, upkeep, maintenance, and repair procedures for these systems.
- Based on wired and wireless communication media, electronic engineers develop communications carriers.
- Electronic engineers are able to select the best installation type, location, layout, and transmission medium for communication by studying communication traffic and service levels.

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