

## Suggested Student Activities

### ELECTROTECHNOLOGY

Teachers delivering this course and workplace supervisors who have hosted their students recommend any of the following activities for students to complete during work placement. This is not a finite list; you may wish to offer other equally suitable activities relevant to the course.

Talking with the students should help reveal the student's levels of confidence and maturity; their current strengths, their preferred competencies to work on and perhaps some areas to improve.

**NB: The activities include degrees of independent work – instruction and supervision must still be provided for the student.**

- Participate in a WH&S site induction.
- Solve circuit problems using measured and calculated values as they apply to single path, single source circuits.
- Cleaning of work-stations
- Prepare to enter a work area eg: prepare for electrical and non-electrical isolation, check for safety tools and equipment needed.
- Dismantle and assemble electrotechnology apparatus.
- Identify and state typical applications for common electrical protection devices.
- Solve problems in extra low voltage single path and multiple path DC circuits.
- Carry out routine work activities in an electrotechnology environment
- Where possible, observe the quotation process and estimating procedure.
- Clean the site and equipment under supervision.
- Stack, store and create an inventory of materials.

All students undertaking Electrotechnology are required to obtain a General Safety Induction course (White Card) before commencing work placement. You can expect proof of this to be provided by the student at your request.