

INDUSTRIAL TECHNOLOGY STUDIES: MAN102

| | |
|---|---|
| SUBJECT DESCRIPTION | The study of this unit introduces students to knowledge, skills and applied processes used in the study of senior Industrial Technology Studies. The unit is project based and designed to expose students to practices and processes used in the Construction/Engineering industries. |
| PREREQUISITES Level of junior achievement required to successfully complete the subject | While there are no prerequisites for this subject it is highly advantageous to have studied some of the Woodwork/Metalwork subjects offered in year 8 and 9. |
| EXPECTED OUTCOMES Aims of the subject | Introduction to Industrial Technology Studies is a hands-on practically orientated course of study. There is a small theory component designed to equip students with essential occupational health & safety and content knowledge needed to undertake workshop activities. For those students who are new and those with previous exposure, the course takes a close look at some of the occupations and activities associated with the Construction/Engineering industries. |
| COURSE OUTLINE/UNITS | Students work through a series of graded practical exercises using some of the skills and knowledge found in occupations associated with the Construction/Engineering industries. All activities will be conducted in the Manual Arts workshops and associated theory classrooms. |
| ASSESSMENT/ WORKLOAD Expected work and study requirements | There are 3 methods of assessment used to determine the depth of students learnings during the course. (A) Students will be assessed on the quality and quantity of completed classwork tasks and adherence to occupational health and safety standards. (B) Completion of theory component looking at occupational health & safety standards and Furnishing industry related theory. (C) Short examination covering the theory content studied during the course. |
| BENEFITS OF STUDYING THIS SUBJECT Career prospects / relevance to the future | If students have a desire to take up any of the following occupations or professions it is HIGHLY advisable to consider studying an Introduction to Industrial Technology Studies. Carpenter Cabinet Maker Shop Fitter Wood Machinest Pattern Maker Electrician Plumber Fitter & Turner Boiler Maker Mechanic Manual Arts ----- TAFE Teacher |
| CONTACT PERSON | Mr N. Jesse Head of Department Manual Arts |