

Occupations Related to Subjects in Years 11 & 12



This handout can help you investigate occupations by providing you with a selection of occupational titles that are related to the subjects you may be studying. The following steps are recommended:

- Identify the subjects you enjoy and in which you have some success.
- Use this handout to find the names of occupations that are related to these subjects.
- Gather information about these occupations. Access information online using the *Job Guide* at <http://www.jobguide.dest.gov.au> or the myfuture site at www.myfuture.edu.au.
- Discuss other possibilities with your guidance officer or careers counsellor.

Although related to the occupations in this handout, the subjects are not necessarily prerequisites for them. The following distinctions can be made:

- **Prerequisite** subjects must be taken in Years 11 and 12 for entry to specific tertiary courses.
- **Recommended** subjects are not essential, but are likely to make future courses easier to succeed in.

Subject entry requirements should be investigated for any courses or occupations that interest you.

LEARNING AREA	AUTHORITY* SUBJECTS	AUTHORITY-REGISTERED SUBJECTS
Agriculture	Agricultural Science	Agricultural and Horticultural Studies
Business Education	Accounting, Business Communication and Technologies, Business Organisation and Management, Legal Studies, Tourism	Business, Tourism
Computer Studies	Information Processing and Technology, Information Technology Systems	Information and Communication Technologies
English	English, English Extension (Literature), English for ESL Learners	English Communication, Functional English
Health and Physical Education	Health Education, Physical Education	Recreation
Home Economics/ Tourism and Hospitality	Home Economics, Hospitality Studies	Early Childhood Practices, Hospitality Practices, Tourism
Industrial Technology	Aerospace Studies, Engineering Technology, Graphics, Manufacturing Practices and Studies, Technology Studies	Industrial Skills, Manufacturing
Languages other than English	Chinese, French, French Extension, German, German Extension, Indonesian, Indonesian Extension, Italian, Japanese, Korean, Latin, Modern Greek, Polish, Russian, Spanish, Vietnamese	
Mathematics	Mathematics A, Mathematics B, Mathematics C, Philosophy and Reason	Functional Mathematics, Pre-vocational Mathematics
Religious and Ethical Studies	Study of Religion	Religion and Ethics
Sciences	Biology, Chemistry, Earth Science, Marine Studies, Multi-strand Science, Physics, Science 21	Marine and Aquatic Practices
Social Sciences	Aboriginal and Torres Strait Islander Studies, Ancient History, Economics, Futures, Geography, Modern History, Political Studies, Study of Society	Social and Community Studies
The Arts	Dance; Drama; Film, Television and New Media; Music; Music Extension; Visual Art	Creative Arts

Notes: Some of the Authority subjects listed here are in trial or pilot mode. Students can add Authority-registered and other subjects offered at their school in the right hand column.

* 'Authority' refers to the Queensland Studies Authority

AGRICULTURE	BUSINESS EDUCATION	COMPUTER STUDIES
Agricultural and resource economist Agricultural scientist Animal attendant Botanist Bushland regenerator Environmental engineer Farmer/farm manager Fisheries officer Food technologist Forester Gardener Horticultural technical officer Jackeroo/Jillaroo Landscape gardener Pest and weed controller Stablehand Stock and station agent Sugar cane analyst Timber/forest products worker Veterinary nurse Wool classer	Accountant Advertising officer Auctioneer Bank/credit union officer Court and Hansard reporter Court registrar Economist Financial planner Health information manager Hospital administrator Human resources officer Insurance officer Lawyer – <i>barrister; solicitor</i> Legal practitioner Legal secretary Management consultant Marketing officer Merchant banker Purchasing officer Real estate salesperson Receptionist Records manager Sales assistant Secretary	Architectural drafter Business systems analyst Computer tester Computer systems engineer Computer hardware service technician Computer systems auditor Data processing operator Database administrator Desktop publisher Games developer (multimedia developer) Help desk operator Multimedia developer Programmer Software designer Software engineer Systems architect Systems designer Training officer Technical writer Telecommunications engineer Web developer
ENGLISH	HEALTH & PHYSICAL EDUCATION	HOME ECONOMICS/TOURISM & HOSPITALITY
Actor Announcer Archivist Copywriter Desktop publisher Editor Events coordinator Film, stage and television director Journalist Lawyer – <i>barrister; solicitor</i> Librarian Publisher Proofreader Public relations officer Speech pathologist Stage manager Teacher – secondary English Teacher – English as a second language University lecturer Writer	Ambulance officer Environmental health officer Ergonomist Fitness instructor Health promotion officer Lifeguard Massage therapist Naturopath Nutritionist/dietician Occupational health and safety officer Occupational therapist Physiotherapist Recreation officer Sports administrator Sports coach Sports commentator Sports development officer Sports medicine practitioner Podiatrist Sport psychologist Sports scientist Sports trainer Sports person Teacher – health and physical education	Beauty therapist Cook/chef Dressmaker Events coordinator Fashion coordinator Flight attendant Florist Food technologist Functions coordinator Gaming worker Hairdresser Home care worker Home economist Hospital food service manager Hotel/motel front office clerk Kitchen hand Nanny Nutritionist/dietician Retail buyer Tour guide Tourist information officer Travel consultant Waiter/food and beverage attendant
INDUSTRIAL TECHNOLOGY	LANGUAGES OTHER THAN ENGLISH	MATHEMATICS
Airconditioning technician Aircraft maintenance engineer Automotive electrician Building contractor Cabinetmaker Dental technician Engineering tradesperson – electrical Fitter Furniture polisher Glazier Heavy vehicle motor mechanic Industrial designer Locksmith Metal machinist Motor mechanic Optical mechanic Panel beater Plumber Shipwright Soft furnishing maker Teacher/Trainer Tiler – roof; wall and floor	Airline passenger officer Announcer Anthropologist Australian Federal police officer Customs officer Diplomatic officer Exporter/importer Foreign affairs and trade officer Flight attendant Hotel/motel front office clerk International/overseas officer Interpreter Journalist Marketing officer Police officer Teacher – LOTE Tourism manager Tourist information officer Tour guide Translator Travel consultant	Accountant Actuary Analyst (information technology) Bank/credit union officer Credit and loans officer Costing officer Economist Financial planner Geographic information systems officer Inventory and supply officer Market researcher Mathematician Physicist Programmer (information technology) Purchasing officer Quantity surveyor Statistician Taxation agent Teacher University lecturer Valuer

SCIENCE - PHYSICAL SCIENCES	SCIENCE – BIOLOGICAL/ENVIRONMENTAL	SCIENCE – HEALTH SCIENCES
Astronomer Chemical scientist Chemical plant operator Chemist Engineering – Aerospace; Biomedical; Chemical; Civil; Electrical; Electronic; Industrial; Marine; Mechatronic; Mechanical; Minerals processing; Mining; Materials; Telecommunications, etc. Engineering associate (mechanical) Geologist Geophysicist Geoscience technician Metallurgist Metallurgical technician Meteorologist Naval architect Patent examiner Physicist Pilot Quality assurance inspector Sound technician Surveyor Surveying technician	Agricultural scientist Agricultural technical officer Biochemist Biotechnologist Botanist Conservator Environmental scientist Fisheries officer Forensic scientist Forest technical officer Geologist Geoscience technician Horticultural scientist Hydrographer Marine biologist Marine scientist Meteorologist Microbiologist Natural resource manager Park ranger Primary products inspector Sugar cane analyst Veterinarian Zoologist	Ambulance officer Audiologist Cardiac technologist Chiropractor Dental hygienist Dental therapist Dentist Dietician/nutritionist Medical practitioner Medical imaging technologist Medical scientist Naturopath Nurse - enrolled Nurse – registered Occupational therapist Optometrist Orthoptist Osteopath Pharmacologist Physiotherapist Podiatrist Prosthetic technician Psychologist Radiation therapist
SOCIAL SCIENCES/RELIGIOUS & ETHICAL STUDIES	THE ARTS	
Archaeologist Cartographer Community worker Criminologist Cultural heritage officer Employee relations officer Fund raising officer Geographer Guide dog instructor Historian Home care worker Market researcher Museum curator Police officer Psychologist Public relations officer Rehabilitation counsellor Residential care worker Social worker Teacher Town planner Welfare worker Youth worker	Actor Architect Artist Arts administrator Beauty therapist Camera operator – <i>film; television; video</i> Conservator Craftsperson Dancer Film and television lighting operator Film, stage and television director Fashion designer Graphic designer Interior designer Jeweller Musician Milliner Make-up artist Model Museum technician Multimedia developer Music therapist Musical instrument maker Set designer Sound technician Stage manager Teacher Visual merchandiser	