

WELLINGTON HIGH SCHOOL

CAREER PLANNING GUIDE

2011 / 2012

The Career Planning Guide is designed to be used in conjunction with the Senior Studies Guide, to help you to make an informed and thoughtful decision about the subjects and pattern of study that you will undertake in your senior years. The Guide will help you to make wise decisions about your future, and will help to facilitate a seamless transition from school to your post school destination. It is meant as a guide only, to help you identify subjects and subject combinations that are most useful for the career area that you might be considering. You can also make an appointment at any time with our full time careers adviser.

Subject choice should be primarily made on the basis of your interests, abilities and career plans. It is important that you think about your interests and strengths before you begin to choose your subjects. If you choose subjects that you like and are good at, you should enjoy studying them, do well in them and learn skills that you can use later in life. If you already have a career path in mind, then your choice of subjects can be designed to maximise credit transfer and perhaps fast track you into your career. If you are unsure of your career plans, then choosing subjects that you like and are good at may open up options for you and help you to decide on a suitable career path.

The tables in the **Career Planning Guide** demonstrate clearly that you can enter careers at several different levels. After the Higher School Certificate (HSC), it is possible to start on a career path by:

- a) going straight into the work force,
- b) continuing in education at TAFE NSW,
- c) seeking professional qualifications from university.

Different subject combinations are appropriate for different students, depending on the level of training that you are prepared to undertake. It is possible to “start at the bottom” in the career structure and work your way up, or to continue your education beyond school and enter the career on a higher level. The Guide demonstrates that progression from one career level to another is always possible. For example, a Certificate gained at school may give credit transfer to a diploma at TAFE, which may give credit transfer to a degree at university.

When choosing your subjects you must select a minimum of 12 units in Year 11 and 10 units in Year 12. Two units of English must be included in both years. All subjects available in Year 11 are of 2 unit value, except for the 1 unit extension courses. It is recommended by Wellington High School that you do 12 units in Year 12.

If you wish to be considered for university entry straight after your HSC, you must ensure that your subject selection makes you eligible for an Australian Tertiary Admission Rank (ATAR). The ATAR is calculated from the scaled marks of your best 2 units of English and your best 8 other units of Board Developed courses presented for examination in Year 12, with only one category B subject able to be included. All Framework VET courses are category B Board Developed courses and may be included in the calculation of the ATAR. You must indicate on your HSC entry form that you wish to be notified of your ATAR to receive an ATAR Advice Notice from UAC as not all students receive an ATAR.

While universities often assume a certain level of achievement in specified HSC courses (Assumed Knowledge), there are very few courses which specify subjects that must be studied at school (Prerequisites). Some universities offer bridging or introductory courses that enable people who do not have the recognised level of assumed knowledge to achieve the recommended HSC standard. You must carefully research entry requirements and university recommendations that are relevant to you.

An ATAR is not needed if you are planning to progress to TAFE NSW after your HSC, as acceptance into a TAFE NSW course is based on an application process that considers several criteria including HSC performance in related subjects, demonstrated interest in the subject and work related experience.

For direct entry into the workforce after the HSC, it is more important for you to be able to demonstrate a good attitude to work, skills, or a willingness to learn skills, in the related area, and experience in the work place.

The study of dual accredited Vocational Education and Training (VET) courses, delivered at school or TAFE NSW, will give you the opportunity to fast track into careers in a related industry. VET courses contribute units to your HSC and contribute to a nationally recognised Australian Qualification Framework (AQF) award. Workplace learning is an integral part of VET. It may even be possible for you to complete a part time Traineeship in your chosen industry while you are still at school.

If you have **clear career goals** you should ensure that your subject selection satisfies all prerequisites, maximises your credit transfer and teaches you appropriate skills for your chosen vocation. If you have **no clear career goals** you should try to ensure that you receive a good general education, gain skills useful in a range of career areas and keep open your options for further study.

The information in the Career Planning Guide is based on the current UAC Guide, TAFE NSW Handbook, UAC University Entry Requirements Year 10 Booklet, HSC TAFE Credit Transfer website, and HSC subject information from the Board of Studies. Individuals must check carefully specific course requirements, credit transfer arrangements and advice from individual institutions and employers.

What is credit transfer?

Australian Qualifications Framework

School Sector	Vocational Education and Training Sector-TAFE	Higher Education Sector-University
		Doctoral
		Masters
		Graduate Diploma
		Bachelor Degree
	Advanced Diploma	Advanced Diploma
	Diploma	Diploma
	Certificate IV	
Certificate III		
Certificate II	Certificate II	
Certificate I	Certificate I	
HSC (Senior Secondary Certificate of Education)		

The Australian Qualifications Framework (AQF) is a single, national, coherent framework for qualifications from the Senior Secondary Certificate (HSC) to a Doctoral Degree. It links together all these qualifications and promotes lifelong learning, encouraging continual upgrading of knowledge and skills.

Wellington High School is committed to providing pathways between the school, the vocational education sector (TAFE) and the higher education sector.

Credit Transfer is a form of recognition based on a formal arrangement between educational institutions. Credit Transfer is not automatic and must be applied for at the time of enrolment at TAFE or university.

Credit Transfer arrangements negotiated between the NSW Board of Studies and TAFE NSW enable you to get credit for HSC studies you have already completed. It applies to a range of HSC courses such as English, Business Studies and Biology, and includes Vocational Education and Training (VET) courses such as Hospitality, Retail and Construction.

Credit Transfer arrangements between TAFE NSW and the Higher Education sector (universities) may enable you to get credit for TAFE NSW studies you have already completed. For example, University of Technology, Sydney will give up to a year of advanced standing for Diploma or Advanced Diploma courses completed at TAFE NSW. Specific credit will depend on subjects completed and level of achievement in those subjects.

If you are granted recognition of prior learning (RPL) at TAFE NSW or university, you will receive advanced standing in the course in which you plan to enrol and do fewer modules/units in that course. Recognition may allow you to complete your qualification faster. Advanced standing does not give you automatic entry to a course. The usual entry requirements and selection procedures apply.

For details of credit transfer see www.det.nsw.edu.au/hsctafe and individual university web sites such as, www.csu.edu.au .

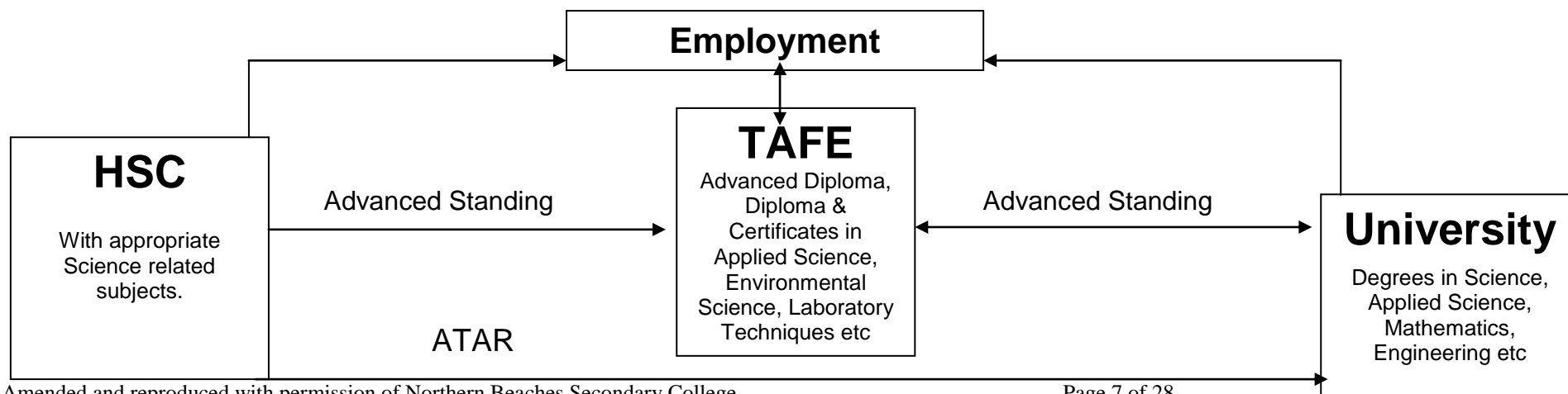
Applied Science

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Mathematics or General Maths • Mathematics Preliminary Extension 1 • Mathematics HSC Extension 1 and 2 • Physics • Chemistry • Biology • Geography • Engineering Studies • Food Technology • Languages • PDHPE • Information Technology ♣♠ • Metal & Engineering ♣♠ 	<ul style="list-style-type: none"> • Automotive * • Electrotechnology * • Sport and Rec - Fitness * 	
<p>Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.</p> <p>♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation</p> <p>* Not included in ATAR calculation</p> <p>♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)</p> <p>** Not included as HSC units</p> <p>Some Advice:</p> <ul style="list-style-type: none"> • Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects. • The study of a science or related course at university usually assumes HSC study of Mathematics Advanced (not General Maths) or higher. It is recommended that science related subjects are studied for the HSC, with Chemistry and Physics being the most useful depending on the area of specialisation. Bridging courses and introductory subjects are sometimes available for students with insufficient background in Maths or Science. • Careers in science usually assume skills in the use of technology. 			

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships</p> <p>Laboratory Assistant Polymer Processing Nursery Greenkeeping Landscaping Parks & Gardening Food Industry Local Government Fitness Leader Personal Trainer</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Agriculture • Applied Science (Biological Techniques) • Aviation • Horticulture • Animal Attending / Technology • Environmental Technology & Practice • Engineering • Building Studies • Hydrology and Environmental Management • Laboratory Techniques • Laboratory Technology (Biological, Food, Pathology, Manufacturing/Chemical) • Sport & Recreation • Viticulture 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> • Physics/Chemistry/Biology • Advanced Science • Computer Science • Environmental Science • Architecture • Surveying • Marine • Biotechnology & Bioinformatics • Agriculture • Natural Resources • Engineering • Mathematics • Psychology • Food Sciences / Viticulture/Dietetics • Health Sciences / Sport Sciences • Nanotechnology • Science Media and Communications • Forensic Science
<p>Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Building and Construction

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Mathematics • General Mathematics • Physics • Senior Science • Construction ♣♠ • Information Technology ♣♠ • Design & Technology • Business Studies • Metal & Engineering ♣♠ • Visual Arts • Languages • Ancient or Modern History 	<ul style="list-style-type: none"> • Automotive * • Electrotechnology * 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

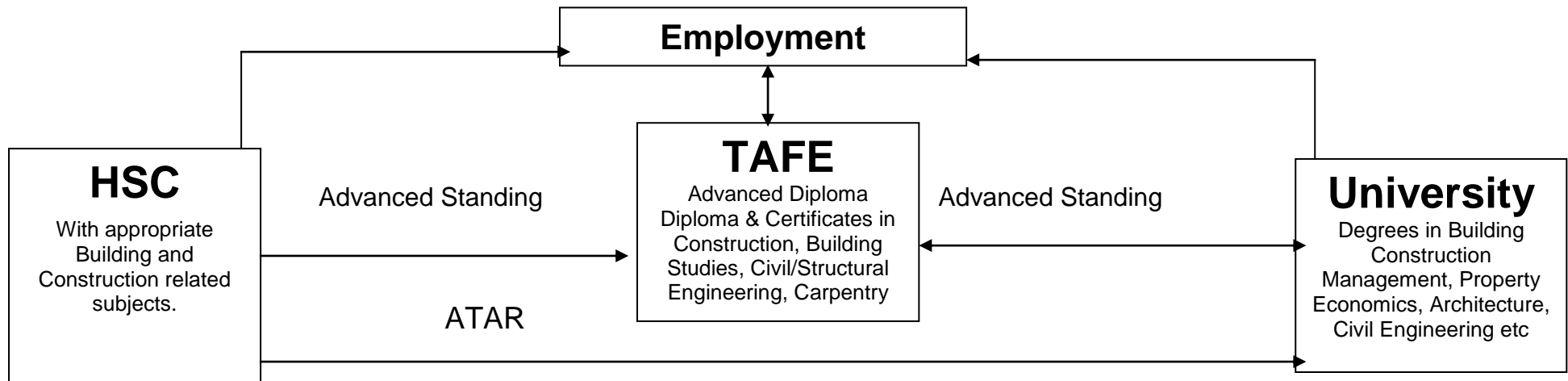
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- A common avenue for entry to the Building and Construction industry is through a trade apprenticeship. Maximum credit into the trade can be gained through the study of the VET course in Construction for the HSC. It is possible to articulate from the trade into higher TAFE and university courses.
- It is possible to enter the Building and Construction industry directly through a diploma course at TAFE or a degree course at university.
- University study in the field of Building Construction Management usually assumes HSC study of Mathematics Advanced (not General Maths). It may be possible to take supplementary Mathematics in your first year at university. The study of HSC Physics may be recommended and Visual Arts may be useful preparation for the study of Architecture.

Career Pathways:

Employment	TAFE NSW	University
New Apprenticeships Bricklaying/Blocklaying Carpentry Drafting Roofing Painting & Decorating Plasterboard/Solid Plastering Plumbing Tiling Wall & Floor Shop Fitting & Detailed Joinery Cabinetmaking Stonemasonry General Construction Traineeship Retail (Hardware, Timber)	Advanced Diploma, Diploma and Certificates in: <ul style="list-style-type: none"> • Building Studies • CAD (Computer Aided Design) • Electrical Technology • Architectural Technology • Environmental Health & Building Surveying • Furniture Design • Land & Engineering Survey Drafting • Surveying • Mechanical Technology • Construction • Quantity Surveying • Civil Construction 	Bachelor degrees in: <ul style="list-style-type: none"> • Architecture • Building Construction Management • Construction/Project Management • Survey & Spatial Information Systems Engineering • Engineering Civil • Planning • Property Economics • Environmental Planning • Surveying • Quantity Surveying • Industrial Design • Interior Architecture
Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.		



Business and Administration

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Mathematics • General Mathematics • Mathematics Preliminary Extension 1 • Mathematics HSC Extension 1 and 2 • Business Studies • Economics • Legal Studies • Languages • Business Services ♣ ♠ • Information Technology ♣ ♠ • Retail ♣ ♠ • Geography 	<ul style="list-style-type: none"> • Business Services * 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subjects can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

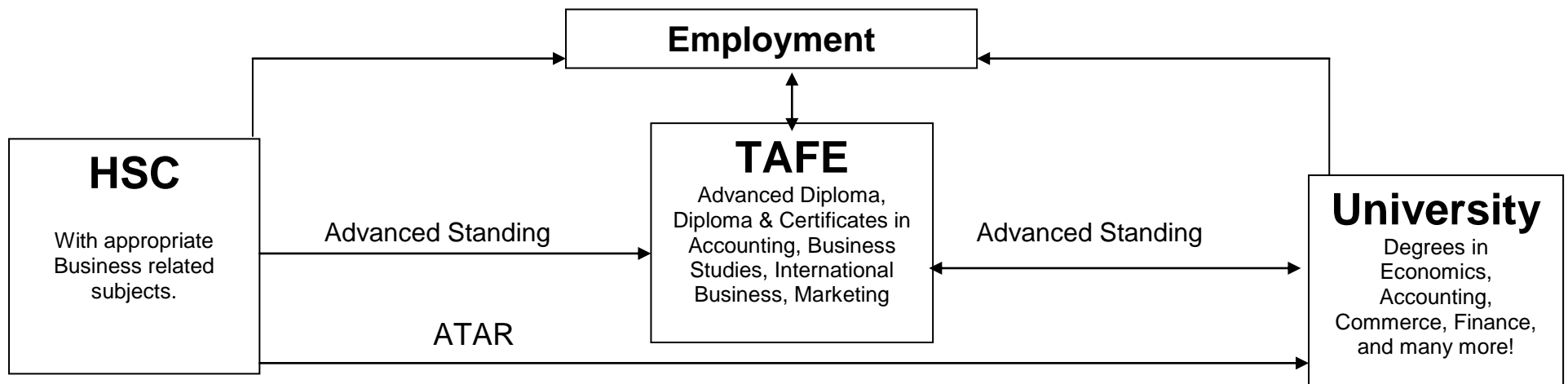
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- The study of HSC Mathematics is recommended for a career in Business. University study in the field of Business/Economics/Commerce/Finance usually assumes HSC study of Mathematics Advanced (not General Maths) or higher. It may be possible to take supplementary Mathematics subjects in your first year at university to bring a General Mathematics student up to the required standard.
- The study of HSC Economics, Business Studies, Accounting, Legal Studies and other related subjects is recommended but not essential for further study at tertiary level.
- The successful completion of the 240 hour Business Services course provides direct credit transfer into TAFE courses in Business Services.

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships</p> <p>Financial Services Clerical Administrative Skills Business / Office Administration Small Business Operation Retail Operations Wholesale Services Hardware Operations (Sales) Real Estate (Sales) Real Estate (Property Management) Public Administration Information Technology Web Design & Management</p> <p>Jobs</p> <p>Retail / Cashier Call Centre Operator Clerical Assistant</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> Accounting Financial Services/Banking & Finance Business Studies Marketing / Advertising / Public Relations Asia Pacific Marketing Small Business Management International Business Management Real Estate (Sales / Property Management) Human Resource Management Retail Management Tourism & Hospitality Management Office Administration Information Technology Music Industry Skills (Business) Management 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> Accounting Economics Electronic Business Information Technology Business Management Finance Industrial Relations Marketing and / or Advertising Communications / Public Relations Property Economics (Real Estate, Valuation, Property Management) Human Resource Management Tourism & Hospitality Management Law International Business
<p>Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Communication and Humanities

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Ancient and/or Modern History • Legal Studies • Languages • Aboriginal Studies • English Preliminary Extension 1 • English HSC Extension 1 and 2 • Music 1 • Visual Arts • Community and Family Studies • Information Technology ♣♠ • Business Services ♣♠ 	<ul style="list-style-type: none"> • Business Services ♣♠ 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

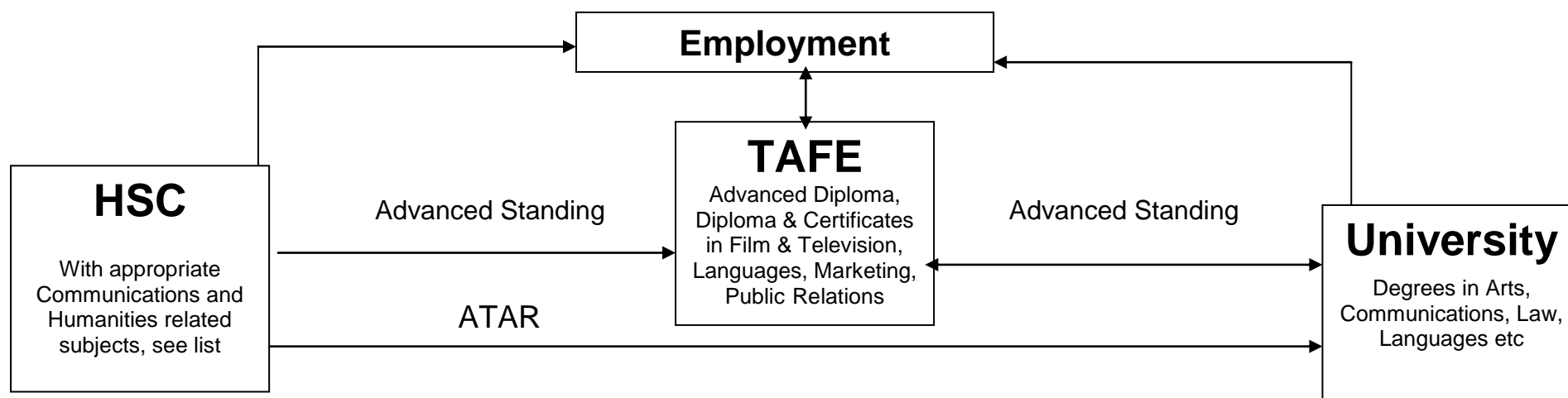
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- University degrees in the humanities, social sciences, communications and law areas do not assume any particular HSC study. However communication skills developed through the study of English are essential. Advanced English, is recommended.
- HSC subjects that develop research, critical thinking and communication skills are recommended.

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships</p> <ul style="list-style-type: none"> Arts Administration Interactive Multimedia Community Radio Operations Media Journalism TV & Video Production TV & Video Operations Printing Office Administration 	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Advertising • Public Relations • Marketing • Business Legal Services • Film & Television Production • Community Services – Drug and Alcohol • Community Services – Children’s Services • Communication Skills 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> • Arts • Communications • Journalism and Writing • Advertising and Public Relations • Media Studies • Communication Information M’ment • Political Science/Social Enquiry • Legal & Justice Studies • Law • Social Sciences • Liberal Studies • Languages • International Studies • Behavioural Sciences • Television, Radio, Film and Video • Museum Studies • Multimedia
<p>Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Creative and Performing Arts

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Music 1 • Visual Arts • Textiles & Design • Design & Technology • Languages • Information Technology ♣♠ • English Preliminary Extension 1 • English HSC Extension 1 and 2 	<ul style="list-style-type: none"> • Beauty Therapy * 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

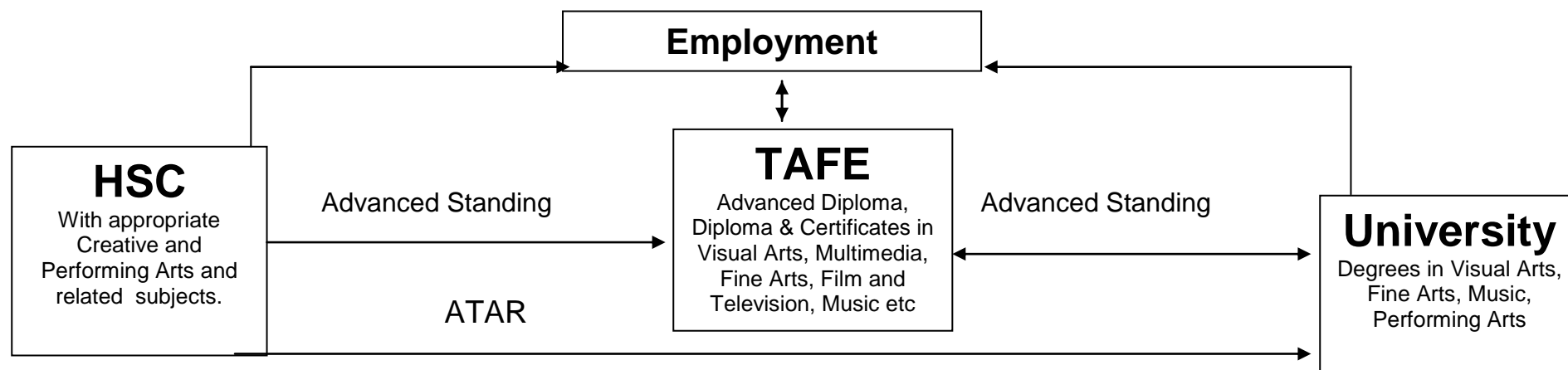
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- University study of creative arts areas usually assumes the HSC study of Visual Arts and/or Design and Technology and/or Textiles and Design. University study assumes good communication skills so the study of English is important. Additional selection criteria may apply.
- University study of Performing Arts (depending on specialist area chosen) assumes the HSC study of Music (often Music 2 and extension Music), or Drama or Dance. Entry to Performing Arts courses is usually based on an audition and/or interview.
- There are some areas of creative and performing arts that can be studied at TAFE. Many HSC subjects, such as Visual Arts, Design and Technology, Textiles and Design and Entertainment will give direct credit into these courses. Successful completion of TAFE delivered HSC subjects gives advanced standing in the study of related TAFE certificates.

Career Pathways:

Employment	TAFE NSW	University
New Apprenticeships: Hairdressing Beauty Care & Makeup Live Theatre (Technical) TV & Video Production TV & Video Operations Print Design Music Business Jobs: Retail Actor Musician Dancer Artist Model	Advanced Diploma, Diploma and Certificates in: <ul style="list-style-type: none"> • Music Contemporary • Music Industry Skills • Film & Television Production • Fine Arts • Visual Arts • Theatre Performance & Practice • Design – Graphic, Jewellery, Interior, Product, Fashion, Furniture, Textiles • Aboriginal Arts and Cultural Practices • Make-up Artistry • Theatre Costume Design • Photography • Ceramics • Visual Merchandising 	Bachelor degrees in: <ul style="list-style-type: none"> • Fine Arts • Design – Graphic, Interior, Fashion, Textiles, Industrial • Performing Arts – Dance, Drama • Creative Arts (eg Painting and Photography) • Music Performance, Production & Management • Multimedia • Arts Administration • Visual Arts/Communication • Museum Studies • Education • Sound Engineering • Film/TV Production
Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.		



Design

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Design & Technology • Visual Arts • Textiles & Design • Mathematics or General Maths • Languages • Construction ♣♠ • Information Technology ♣♠ • Music 1 • Engineering Studies • Physics 	<ul style="list-style-type: none"> • Beauty Therapy * 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

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♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

** Not included as HSC units

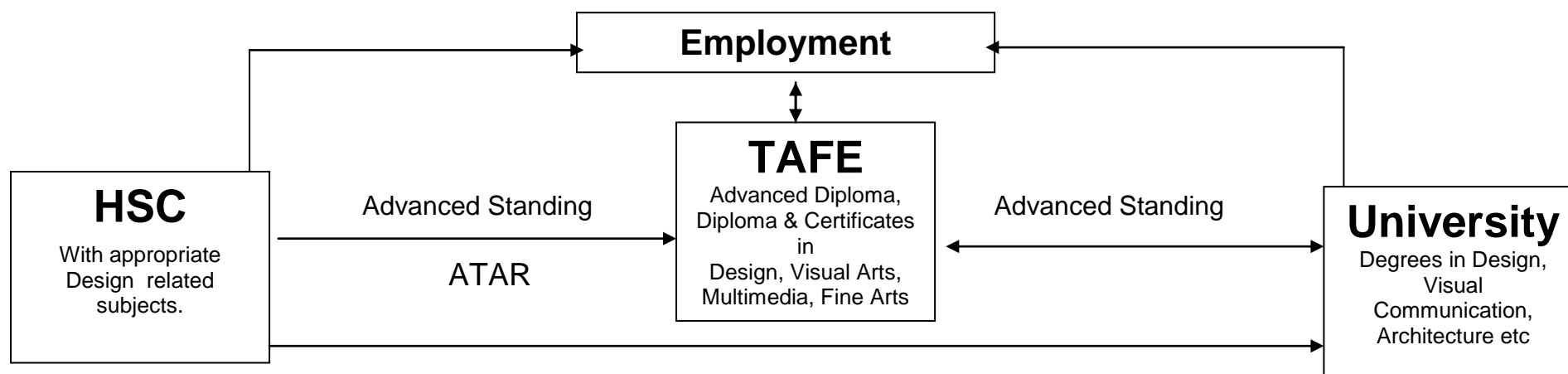
Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- University study in some design areas, such as Architecture, usually assumes the HSC study of Mathematics Advanced (not General Maths). The study of Visual Arts, Design and Technology or Physics may be recommended.
- University study in design assumes good communication skills so the study of English is important.
- Additional selection criteria such as a portfolio or interview, may apply for admission to some Design courses at university and TAFE.
- There are many areas of design and fine arts that can be studied at TAFE. Some HSC subjects that can be studied at school and TAFE will give direct credit into these courses.
- Increasingly, study in design assumes some skills using technology and graphics software.

Career Pathways:

Employment	TAFE NSW	University
New Apprenticeships Arts (Interactive Multimedia) Television and Video Production Carpentry & Joinery Graphic Pre-press Screen Printing Stencil Preparation Print Design Cabinetmaking Textile Clothing & Footwear Clothing Production Furniture Production Jewellery Manufacture & Repair Furnishing (Soft) Sail Making Sign Writing Retail	Advanced Diploma, Diploma and Certificates in: <ul style="list-style-type: none"> • Graphic Design • Interior Design / Decoration • Jewellery and Object Design • Product Design & Development • Fashion Design • Printing and Graphic Arts • Design Fundamentals • Theatre Costume Design • Interactive Multimedia • Architectural Technology, CAD, Drafting • Aboriginal Arts and Cultural Practices • Furnishing Industry • 3D Animation, Digital Effects, Multimedia • Digital Arts and Photography • Event and Entertainment Design • Web Design 	Bachelor degrees in: <ul style="list-style-type: none"> • Graphic Design • Interior Design • Fashion & Textile Design • Creative Arts • Photography • Visual Communication • Multimedia • Architecture • Creative Arts Teaching • Digital Media Design • Industrial Design • Web Design

Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.



Education, Psychology, Social and Community Services

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Mathematics or General Maths • Biology • Legal Studies • Ancient and/or Modern History • English Extensions 1 and 2 • Geography • Community and Family Studies • Music 1 • Visual Arts • PDHPE • Information Technology ♣♠ 	<ul style="list-style-type: none"> • Aged Care Work (Nursing) * • Sport and Rec - Fitness * 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

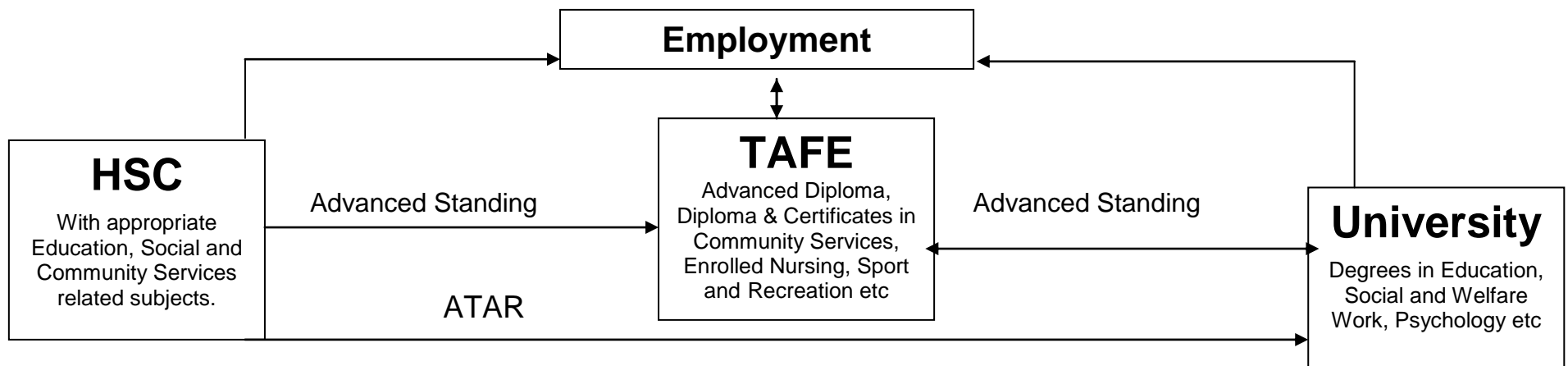
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- Careers in teaching require a university degree. The subjects recommended for HSC study are directly related to the area of specialization chosen. Primary teachers employed in government schools must have studied any 2 units of English and any 2 units of Mathematics.
- Professional Psychology requires 6 years of study at university. No previous HSC study is assumed, but Mathematics is recommended. When Psychology is studied in a science degree, a science background is assumed. Psychology can be included as a major in a number of degrees.
- The university study of social work or social sciences assumes no particular HSC study. Subjects should be chosen to suit interests and abilities.
- A satisfactory level of achievement in English is required for entry to diploma level courses in Community Services (Children's Services) at TAFE.
- Successful completion of TAFE delivered HSC subjects gives advanced standing in related TAFE certificates.

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships: Community Services Youth Work Child Care</p> <p>Jobs: Teachers' Aide Enrolled Nurse Assistant in Nursing Nanny Childcare Assistant Clerical Assistant Dental Nurse Community Services (Aged Care, Disability)</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Enrolled Nursing • Assistant in Nursing • Community Services Alcohol & Drugs • Community Services Children's Services • Community Services Welfare • Community Services Disability • Community Services Youth Work • Community Services Aged Care • Library & Information Services • Working with Families • Sport & Recreation • Community Management 	<p>Bachelors degrees in:</p> <ul style="list-style-type: none"> • Early Childhood Education • Primary Education • Education – Special/ESL • Secondary Education • Nursing • Justice Studies and Policing • Social Work • Psychology • Sociology • Welfare • Aboriginal Studies • Theology & Religious Studies • Social Sciences • Information Management • Sport and Exercise Management • Human Movement Studies
<p>Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Engineering

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects	
	School Delivered	TAFE Delivered
English Advanced or English Standard	<ul style="list-style-type: none"> • Mathematics or General Maths • Mathematics Extensions 1 and 2 • Physics • Chemistry • Information Processes & Technology • Information Technology ♣♠ • Biology • Geography • Engineering Studies • Primary Industries ♣♠ • Metal & Engineering ♣♠ • Construction ♣♠ 	<ul style="list-style-type: none"> • Automotive * • Electrotechnology *

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

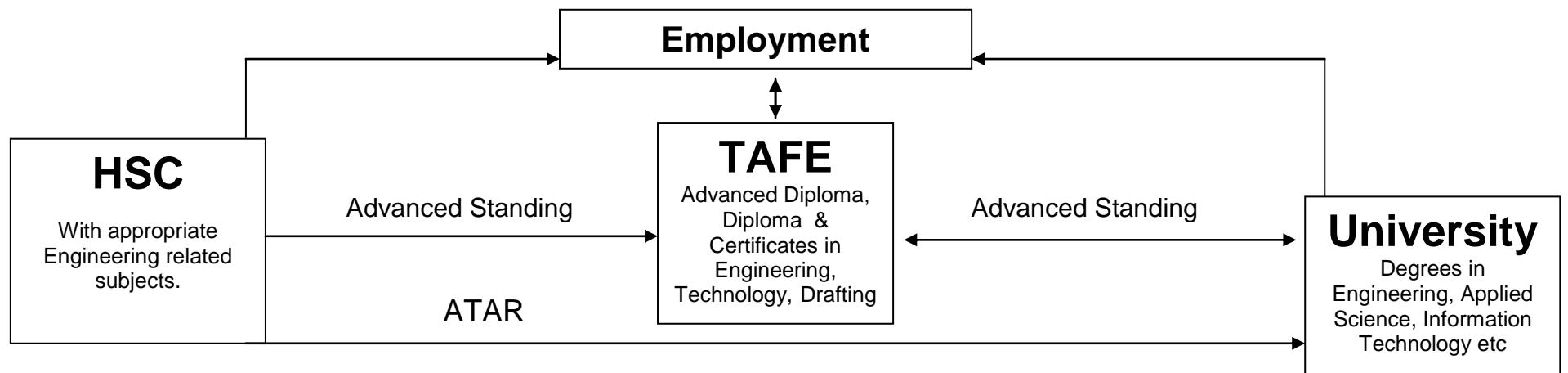
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- The study of engineering or a related course at university assumes HSC study of Mathematics Advanced (not General Maths) and at least Preliminary and HSC Mathematics Extension 1. The most useful HSC science subjects are Physics and Chemistry. Bridging courses and introductory subjects are sometimes available for students with insufficient background in Maths or Science.
- Careers in Engineering assume skills in the use of technology.
- Maximum credit into Engineering, Automotive and Electrical trades at TAFE would result from the study of the more practical VET courses that have a work place learning component, such as Metal & Engineering, or related TAFE delivered HSC subjects such as Computer (CAD) Skills.

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships</p> <p>Engineering (Mechanical, Electrical/Electronic, Fabrication)</p> <p>Aircraft Maintenance</p> <p>Drafting</p> <p>Manufacturing</p> <p>Plumbing</p> <p>Laboratory Assistant</p> <p>Electronic (Communications, Office Equip.)</p> <p>Electrical (Fitting, Instruments, Lift, Mechanic)</p> <p>Refrigeration Mechanic</p> <p>Automotive Trades</p> <p>Boat Building</p> <p>Patternmaking / Moulding</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Electrical Technology Engineering • Mechanical Technology/Engineering • Naval Architecture/ Boat & Ship Building • Civil/Structural Engineering • Mechanical Engineering • Marine Engineering • Geographic Information Systems • Telecommunications Engineering • Surveying/ Land & Engineering Survey Drafting • Environmental Technology & Practice • Laboratory Technology • Manufacturing Technology Systems • Information Technology • Mechatronics • Fire Technology 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> • Engineering - Civil, Mechanical, Electrical, Mining, Aeronautical, Environmental, Materials Science, Mechatronics, Computer, Telecommunications, Petroleum, Bioprocess, Geotechnical, Construction Management, Biomedical, Bioinformatics, Chemical, Industrial Chemistry, Survey & Spacial, Photovoltaics and Solar Energy, Renewable Energy, Software) • Applied Science (Physics, Chemistry, Biological Sciences) • Computer Science • Information Technology • Environmental Science • Engineering Innovation • Surveying
<p>Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Health Sciences, Sport and Recreation

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Mathematics or General Maths • Chemistry • Biology • PDHPE • Physics • Senior Science • Business Studies • Sports Lifestyle & Recreation * • Food Technology • Community and Family Studies • Business Services ♣♠ • Information Technology ♣♠ • Hospitality Operations ♣♠ 	<ul style="list-style-type: none"> • Sport & Rec - Fitness * • Aged Care Nursing 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

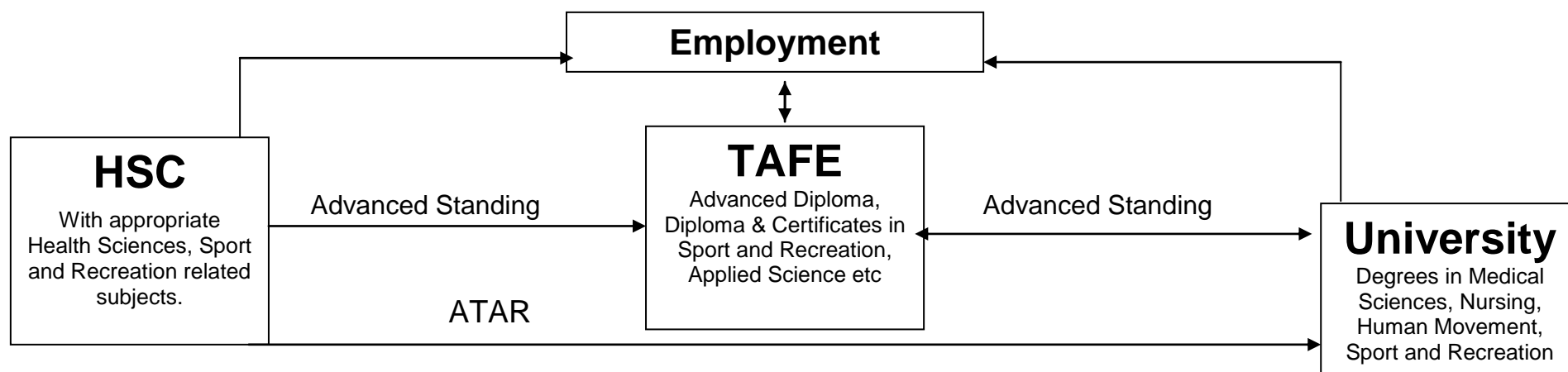
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- A number of health related courses at university are science based and assume or recommend HSC study of Mathematics Advanced (not General Maths). The most useful HSC science subject is Chemistry, but Biology, Physics and PDHPE will be useful.
- The study of nursing at university recommends a background in science (any of Chemistry, Biology or Physics), and any 2 units of Mathematics. PDHPE can be substituted for a science and provides a very good background for the study of Nursing.
- University study of Human Movement, Exercise and Sport Management assumes the HSC study of Mathematics Advanced (not General Maths) and recommends some background in science. University study assumes good communication skills, so the study of English is important.
- Science based careers usually assume skills in the use of technology.

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships: Sporting Operations Care Support Services Nursing Assistant Health Support Services Aboriginal and TSI Health Health Support Services Sport & Recreation</p> <p>Jobs: Assistant in Nursing Community Services (Aged Care, Disabilities) Dental Assistant Food Preparation/Kitchen Assistant Sports Official (Referee, Coach) Dietary Aide Clinical Coder</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Enrolled Nursing / Assistant in Nursing • Sport & Recreation (Leadership, Administration, Coaching, Fitness, Recreation, Management). • Applied Science (Medical, Pathology, Biology) • Dental Assisting • Food & Health Support Services • Health Office Procedures • Nutrition and Dietary Practices • Sport (Massage Therapy) • Community Services (Alcohol & Drugs, Children's Services, Welfare, Disabilities, Youth, Aged Care) • Sport (Coaching, Development, Officiating) • Fitness Instructing • Tourism (Meetings and Events) • Tourism & Hospitality 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> • Nursing and Midwifery • Human Movement Studies • Sport and Exercise Management • Sport Journalism/Psychology • Leisure Management/Tourism • Nutrition & Dietetics/Natural Therapies • Pre Hospital Care/Paramedic • Medicine ,Dentistry & Medical Science • Physiotherapy • Occupational and Diversional Therapy • Optometry / Orthoptics • Speech Pathology / Hearing & Speech • Rehabilitation Counselling • Health Administration • Pharmacy • Education • Medical Radiation Science • Traditional Chinese Medicine
<p>Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Information Technology

Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard	<ul style="list-style-type: none"> • Information Technology ♣♠ • Mathematics or General Mathematics • Mathematics Preliminary Extension 1 • Mathematics HSC Extension 1 and 2 • Physics • Business Studies • Economics • Visual Art • English Preliminary Extension 1 • English HSC Extension 1 and 2 • Business Services ♣♠ 	<ul style="list-style-type: none"> • Electrotechnology * 	

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

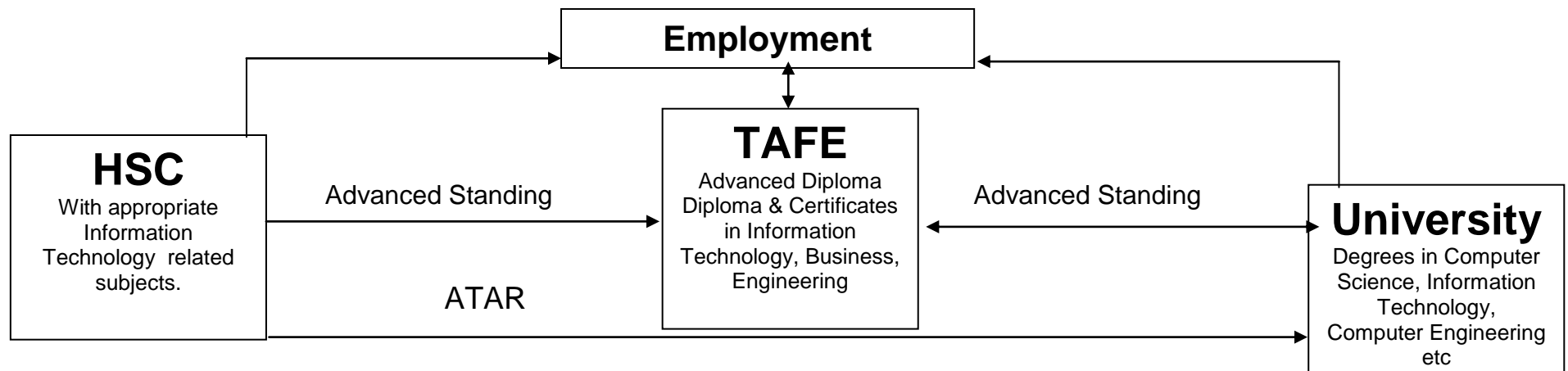
** Not included as HSC units

Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- There is no limit to the number of Information Technology/Computing subjects that you can undertake in your HSC.
- University study of Information Technology or Computing assumes the study of at least HSC Mathematics Advanced (not General Maths) and while study of HSC computer subjects is not assumed, it is obviously an advantage for students to have as much experience with computers as possible.
- Maximum credit transfer into a TAFE diploma level course in IT can be gained by undertaking the Information Technology 240 hour course at school and supplementing it with the Information Technology Specialisation and other TAFE delivered courses such as Web Design and IT Specialisation (CISCO).
- Successful completion of a TAFE Diploma may provide significant credit transfer to related university degrees.

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships Information Technology Security Systems Installation Electronic Equipment Sales and Repair Office Administration</p> <p>Jobs Computer Operator Word Processor Clerical Assistant Computer Technician Parts Assembly Retail Data Entry Operator</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Information Technology Technical Support • Information Technology Programming • IT Web Site/Management/Production • IT Network Administration/Engineering • IT Software Application/Development • IT Client Support • IT Data Base Administration • Interactive Multimedia • Engineering Technician • Electronic Technology (Computer Technician) • Business Office Administration • IT Business Analysis • IT Systems Administration, Analysis, Design • International Business (Information Systems) 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> • Electrical Engineering • Computer Engineering • Computer Science • Information Technology/Systems • Business Information Systems • Software Design & Engineering • e-Commerce • Telecommunications • Computer Programming • Communications Multimedia • IT Professional Practice Innovation • Mathematics • Information Management
<p>Refer to current Job Guide, TAFE and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.</p>		



Tourism and Hospitality

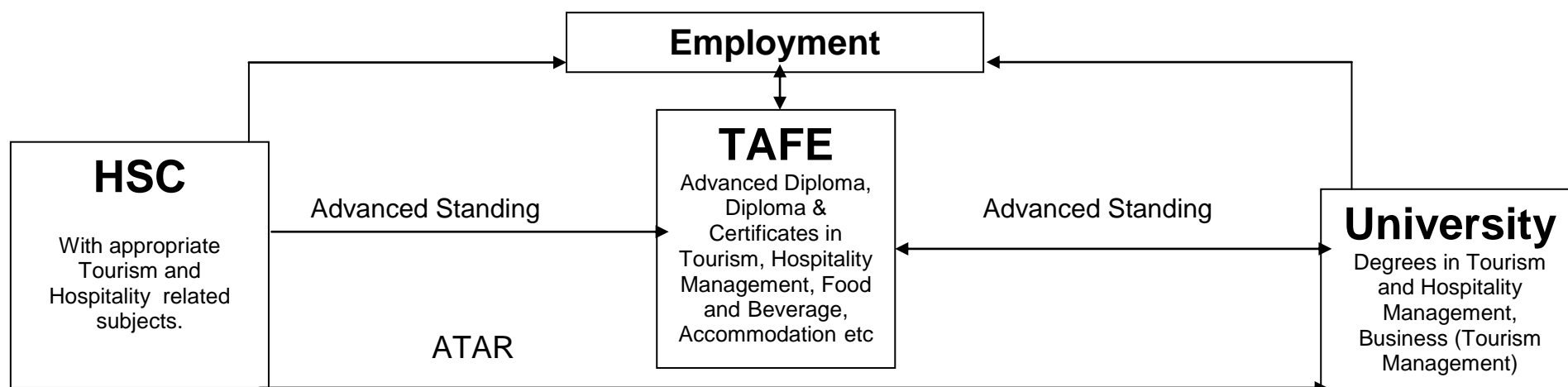
Preliminary and HSC Program:

Compulsory Subjects	Suggested Subjects		
	School Delivered	TAFE NSW Delivered	
English Advanced or English Standard or English as a Second Language	<ul style="list-style-type: none"> • Mathematics or General Maths • Hospitality Operations ♣♠ • Business Studies • Food Technology • Business Services ♣♠ • Retail ♣♠ • Geography • Community and Family Studies • Information Technology ♣♠ • Visual Arts • Design & Technology 	<ul style="list-style-type: none"> • Animal Care 	
<p>Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.</p> <p>♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation</p> <p>* Not included in ATAR calculation</p> <p>♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)</p> <p>** Not included as HSC units</p> <p>Some Advice:</p> <ul style="list-style-type: none"> • Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects. • The most common means of entry to the Tourism and Hospitality Industry is through diploma or certificate level training delivered by TAFE or other provider. Maximum credit transfer can be gained by completing the 240 hour courses in Tourism and/or Hospitality for the HSC. Some core modules are common to both Tourism and Hospitality. If both Tourism and Hospitality are studied for the HSC additional modules must be included in year 12 to overcome this exclusion. The study of the Hospitality Extension course, delivered by TAFE, provides additional credit. • Subjects related to business, such as Business Studies, and Business Services, are useful for careers in Tourism and Hospitality Management, while food and design related subjects, such as Food Technology, might be more useful for careers in commercial cookery and catering. • Successful completion of a Diploma in Tourism or Hospitality at TAFE provides significant credit transfer into related university degrees. • University degrees in Tourism and Hospitality are management based and usually assume the study of HSC Mathematics Advanced (not General Maths). 			

Career Pathways:

Employment	TAFE NSW	University
<p>New Apprenticeships Hospitality Operations Tourism Operations Commercial Cookery Baking Meat Processing Wine Operations</p> <p>Jobs Travel Agency (Retail & Wholesale) Housekeeping Hotel Reception Waiting and Bar Service Catering Food Preparation / Kitchen Assistant Retail Clerical Assistant Events Coordinator / Manager</p>	<p>Advanced Diploma, Diploma and Certificates in:</p> <ul style="list-style-type: none"> • Hospitality Management • Catering Operations • Food and Beverage • Kitchen Operations • Commercial Cookery • Accommodation Services • Attractions and Theme Parks • Tourism Management • Tourism Retail Travel Sales • Tourism Tour Operations/Wholesaling • International Retail Sales • Tourism Meetings and Events • Tourism Visitor Information Services • Food Technology • Food Studies (Supervision and Promotion) • Nutrition and Dietary Practices 	<p>Bachelor degrees in:</p> <ul style="list-style-type: none"> • Hospitality Management • Hotel & Catering Management • Tourism Management • Food Science • Business Administration • Marketing • Leisure Studies • Eco Tourism • Coastal Resource Management • Tourism Planning and the Environment • Indigenous Tourism Management • Languages / International Studies

Refer to current Job Guide, TAFE NSW and university Handbooks, UAC Guide, UAC Year 10 Entry Requirement booklet and HSC TAFE Credit Transfer Guide for further job and course information.





My Career Planning Notes