



**YEAR 10 ASSEMBLY:  
PATHWAY AND  
COURSE OVERVIEW**

# WHY ARE WE HAVING THIS ASSEMBLY?

- You will have to select a Senior Senior School pathway next term.

We want you to make an informed informed and considered decision.  
decision.



# SENIOR SCHOOL PATHWAYS AT COMET BAY

## ATAR PATHWAY

Full time school 5 or 6 ATAR courses (may include an in-school Certificate)

## GENERAL Plus EXTERNAL CERTIFICATE

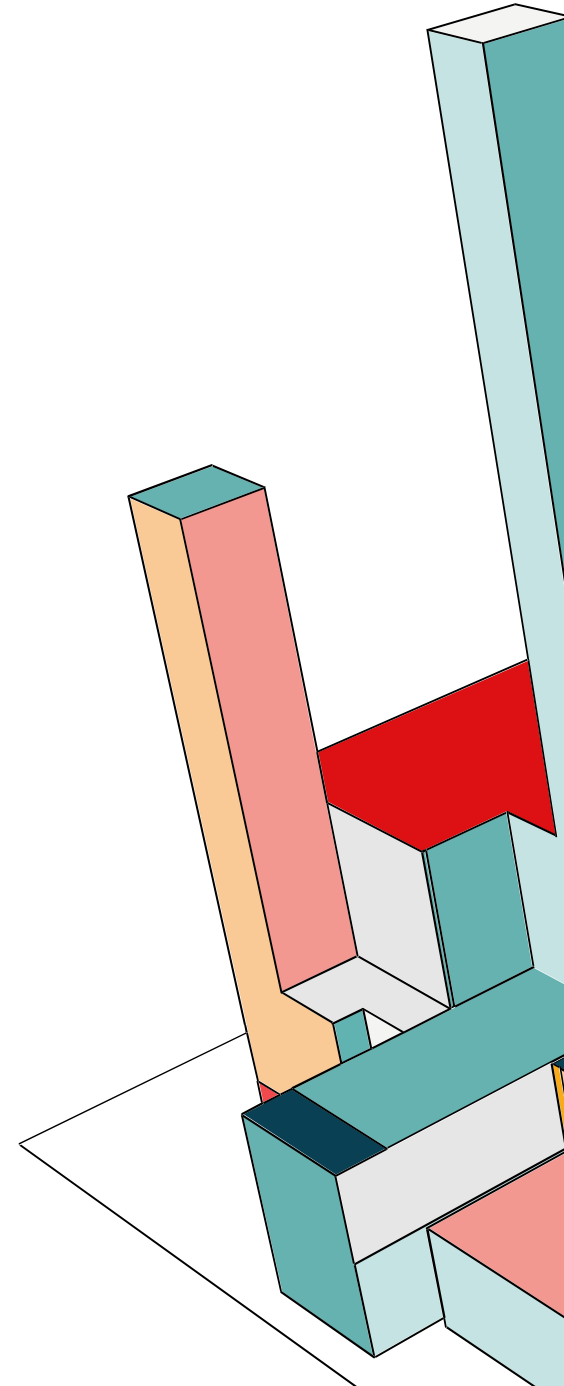
Complete a Certificate on a Wednesday outside of school  
General Subjects 4 days a week

## GENERAL CLASSES

Full time school 5 days per week (may include an in school Certificate)

## STEP PROGRAM ( School To Employment )

School 3 days per week  
TAFE and Work Placement on the other 2 days



# WHAT COURSES DO WE OFFER?



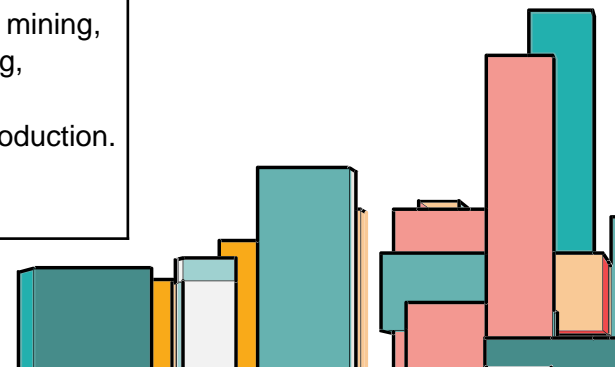
# SCIENCE YEAR 11 ATAR COURSES:

Course	Course overview	Year 10 achievement needed	University/career links
<b>ATAR Biology</b>	Abiotic and biotic ecosystem, systems for data collection, comparison, and evaluation, cell systems and multicellular organisms.	Min B in Year 10 Science	Biologist, zoologist, conservation, marine, environmental, agricultural
<b>ATAR Chemistry</b>	Energy changes, chemical reactions and the use of chemical equations. Bonding models and the relationship between structure, properties and reactions, unique properties of water, acids and bases, and the use of chemical equations to calculate the concentrations and volumes of solutions involved in chemical reactions.	Min B in Year 10 Science	Chemist, pharmacist, forensics, engineering
<b>ATAR Human Biology</b>	Body systems, reproductive systems, genetic material and gene expression.	Min B in Year 10 Science	Nurse, doctor, physiologist, occupational therapist
<b>ATAR Physics</b>	Energy production, transfer and transformation within thermal, nuclear and electrical physics. Linear motion and wave models.	Min A in Year 10 Science	Physicist, engineer, sonographer, radiologist, pilot



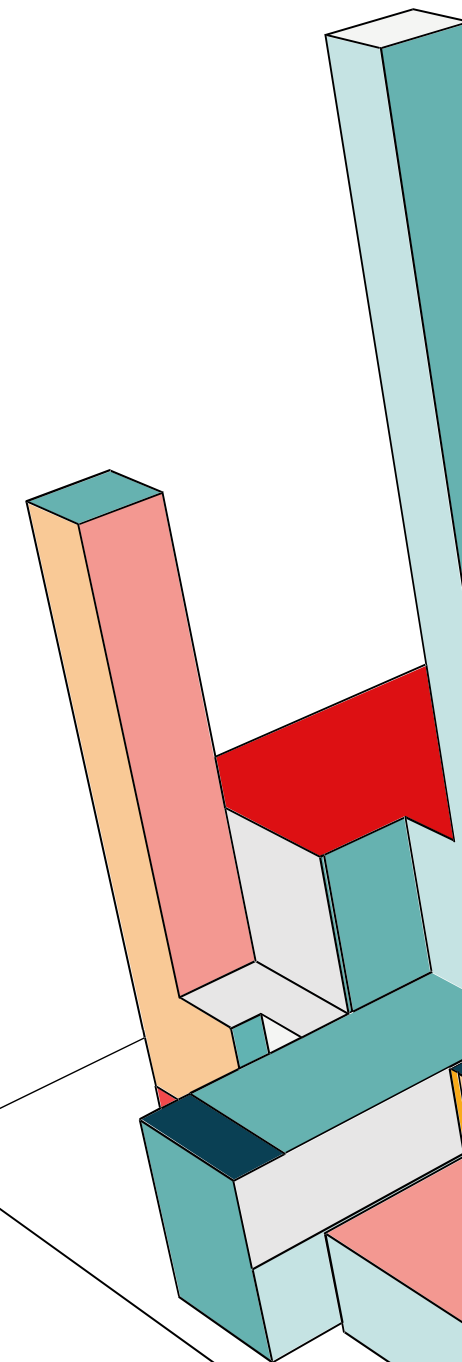
# SCIENCE YEAR 11 GENERAL COURSES:

Course	Course Overview	Year 10 achievement needed	University / careers links
<b>Gen Human Biology</b>	<p>Structure and function of cells help to sustain life processes, and the role of the digestive system and how the dietary decisions we make can affect the functioning of body cells and our quality of life.</p> <p>Students explore circulatory, respiratory, and urinary systems, and how they facilitate the exchange, transport and removal of materials and explore the importance of regular health checks to prevent or manage medical problems.</p>	None	Nurse, phlebotomist, pathologist
<b>Gen Science in Practice:</b>  <b>Sustainability and Forensic Science</b>	<p>Sustainability, environmental science, chemistry and data management.</p> <p>Forensic science through collection of evidence, evidence types, evidence analysis (fingerprinting, blood, DNA, handwriting, drugs and trace evidence).</p>	None	Environmental science, lab technician, work health and safety representative
<b>Cert II in Sampling and Measurement</b>	Data recording, storage, simple calculations, and result presentation.	Min. C grade in Year 10 Science	Sample collection and laboratory skills across industries such as mining, food manufacturing, construction, and pharmaceutical production.



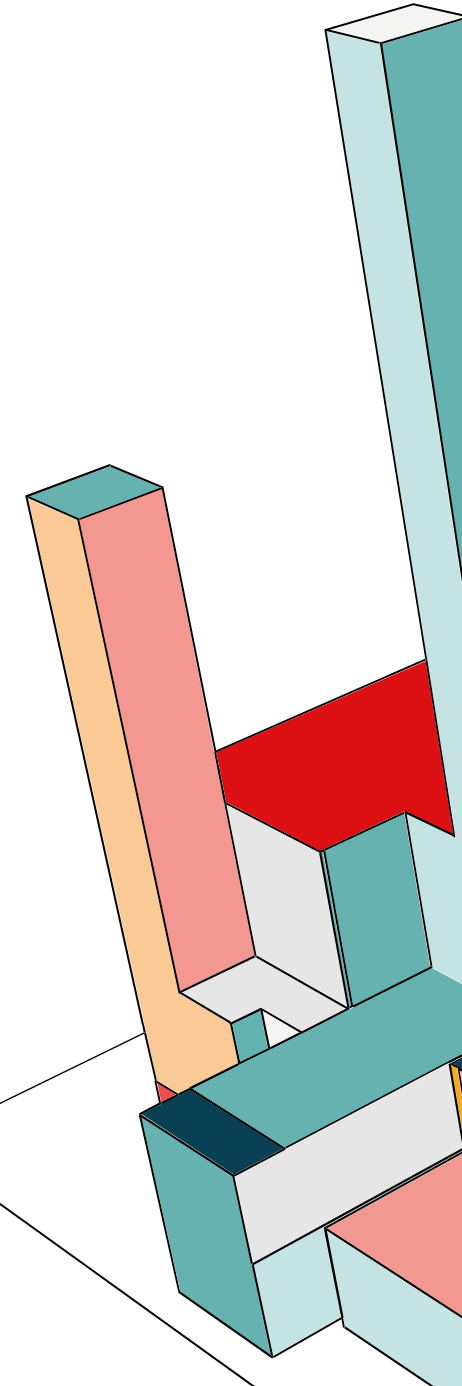
# HASS YEAR 11 ATAR & GENERAL COURSES:

Course	Course Overview	Year 10 achievement needed	University/career links
<b>General Ancient History</b>	The study of ancient history provides an opportunity for students to study people from cultures and communities that no longer exist, and to investigate how these communities responded to the problems and challenges of their time.	None	Career options include government positions, NGOs, teaching, journalism and the media, tourism, heritage consultancy and planning, museums, libraries, archives, public history, and project management.
<b>ATAR Modern History</b>	By studying ATAR Modern History you'll gain a range of transferable skills, from informed citizenship and critical thinking, to research and general awareness. What's more, the knowledge acquired through the study of history is relevant in a wide range of disciplines and can lead to diverse employment opportunities.	Year 10 A/B	Career paths include government positions, NGOs, teaching, journalism and the media, tourism, heritage consultancy and planning, museums, libraries, archives, public history, and project management.
<b>General Politics and Law</b>	Politics and law provides a foundation for active and informed citizenship, promotes social justice while fostering critical thinking and analytical skills.	None	Career paths include government positions, NGOs, teaching, journalism and the media.



# HASS YEAR 11 ATAR & GENERAL COURSES:

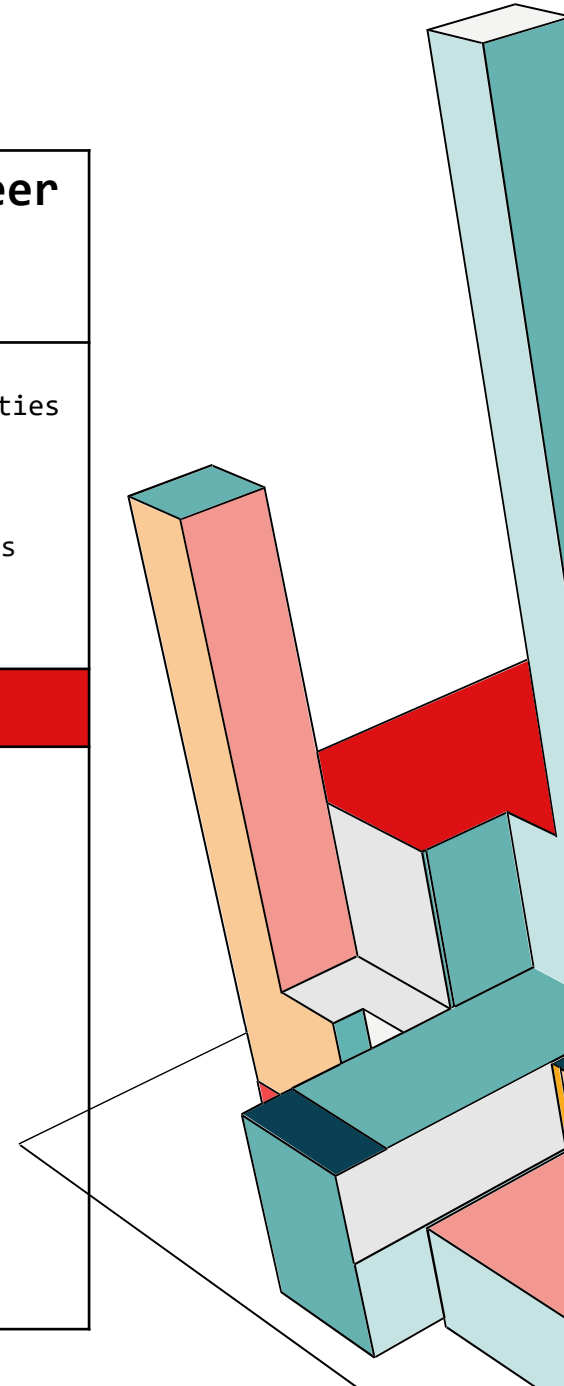
Course	Course Overview	Year 10 achievement needed	University/career links
<b>General Psychology</b>	Psychology is the study of the mind and behaviour. Studying psychology provides insights into human behaviour, cognition, and emotions, fostering self-understanding, enhancing communication skills, facilitating personal growth. If you love to understand why we do what we do or analyse how others behave in a group situation then Psychology is for you.	None	Career paths in areas such as counselling, research, forensic criminology or healthcare. There is also options to complete a double degree with Business and Psych and work in Human Resource Management.
<b>ATAR Psychology</b>		Year 10 A/B	
<b>General Careers and Enterprise</b>	Career and Enterprise General course aims to provide students with the knowledge, skills and understanding to enable them to be enterprising and to proactively manage their own careers.	None	Careers and Enterprise links with real world application to help you stand out whilst applying for jobs. You learn how to create your resume so that you stand out amongst others when applying for jobs: from casual to fulltime.





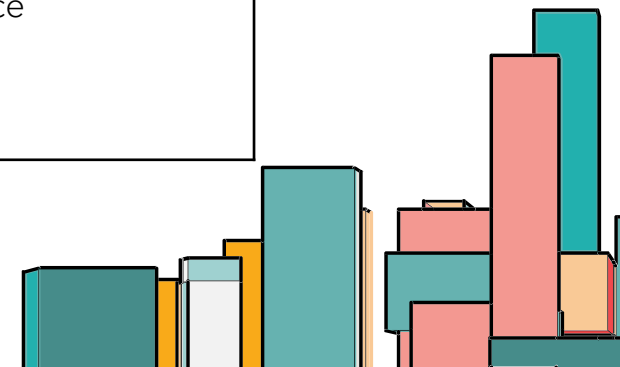
# HASS YEAR 11 ATAR & GENERAL COURSES:

Course	Course Overview	Year 10 achievement needed	University/career links
<b>General Geography</b>	Geography is the study of the Earth's landscapes, environments, and the relationships between people and their surroundings. It encompasses the physical features of the Earth such as landforms, climate, vegetation, and bodies of water, as well as human aspects including populations, cultures, economies, and political systems.	None	Potential geography job opportunities : <ul style="list-style-type: none"> <li>• urban planning</li> <li>• environmental science</li> <li>• international relations</li> <li>• business</li> </ul>
<b>ATAR Geography</b>		Year 10 A/B	
<b>ATAR Economics</b>	Economics is designed to equip students with the necessary knowledge, skills and techniques to understand the behaviour in the world of commerce and finance.	Year 10 A/B	Potential economics job opportunities: <ul style="list-style-type: none"> <li>• Business development manager</li> <li>• Social enterprise owner/director</li> <li>• Policy director</li> <li>• Financial consultant</li> <li>• Philanthropist</li> <li>• Economic governance analyst</li> <li>• Economic analyst</li> <li>• Statistical analyst</li> <li>• Risk manager</li> <li>• Managing director</li> <li>• Auditor</li> </ul>



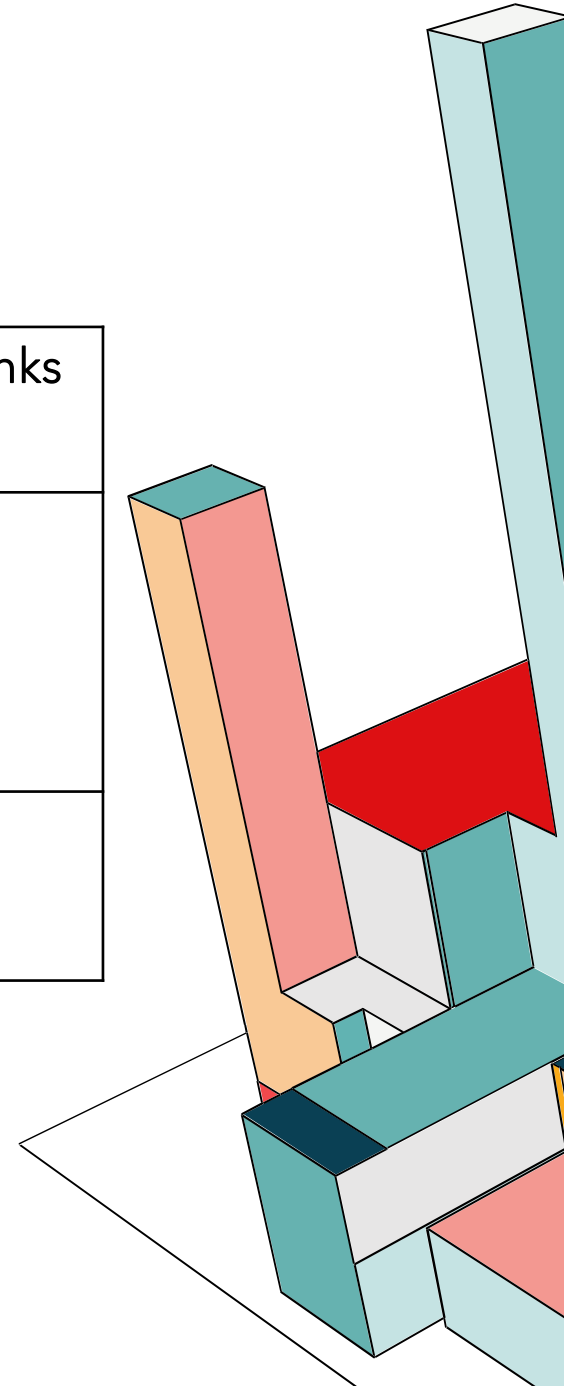
# MATH YEAR 11 ATAR & GENERAL COURSES:

Course	Course overview	Year 10 achievement needed	University/career links
Math Applications	Algebra, matrices, shape and measurement, and consumer arithmetic (earning and managing money)	B grade in Year 10 Maths	Engineering, Business & Commerce
Math Methods	Probability, statistics, algebra, trigonometric functions	A grade in Year 10 Maths	Engineering, Physicist, Computer Science
Math Specialist	Currently run through SIDE. Must be enrolled in Math Methods.	A grade in Year 10 Maths	Engineering, Physicist, Computer Science



## MATH COURSES CONTINUED:

Course	Course overview	Year 10 achievement required	University/career links
Math Essentials	Percentages, measurement, graphs, rates and ratios, time and motion	Pass CAT 1 in OLNA Numeracy	Teaching, nursing, electrician
Math Foundation		* You are required to do this course if you have not passed OLNA	All careers



# ENGLISH YEAR 11 ATAR & GENERAL COURSES:

Course	Course overview	Year 10 achievement needed	University/career links
English ATAR	This course develops students' literacy, critical thinking and communication skills, and the ability to analyse and compose texts across diverse genres and mediums.	B+	Teaching, journalism + any degrees / careers that require critical thinking and excellent writing skills.
Literature ATAR	The Literature course is divided into novel studies, poetry and drama. It invites students to closely examine representations in literature and apply their understandings of the world to interpreting texts.	B+	Teaching, journalism + any degrees / careers that require critical thinking and excellent writing skills.
General English	The course focuses on consolidating and refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, community, social, further education, training and workplace contexts.	Pass CAT 1 in OLNA Reading & Writing	Teaching, nursing, administration jobs
General Literature	This course is a fantastic option for those who enjoy English and creative subjects but aren't on the ATAR pathway. The course allows students to draw on their creative talents and enjoy reading picture books, novels and poetry with other like-minded creative students.	C	Teaching, journalism, author, editor, film and Arts industries

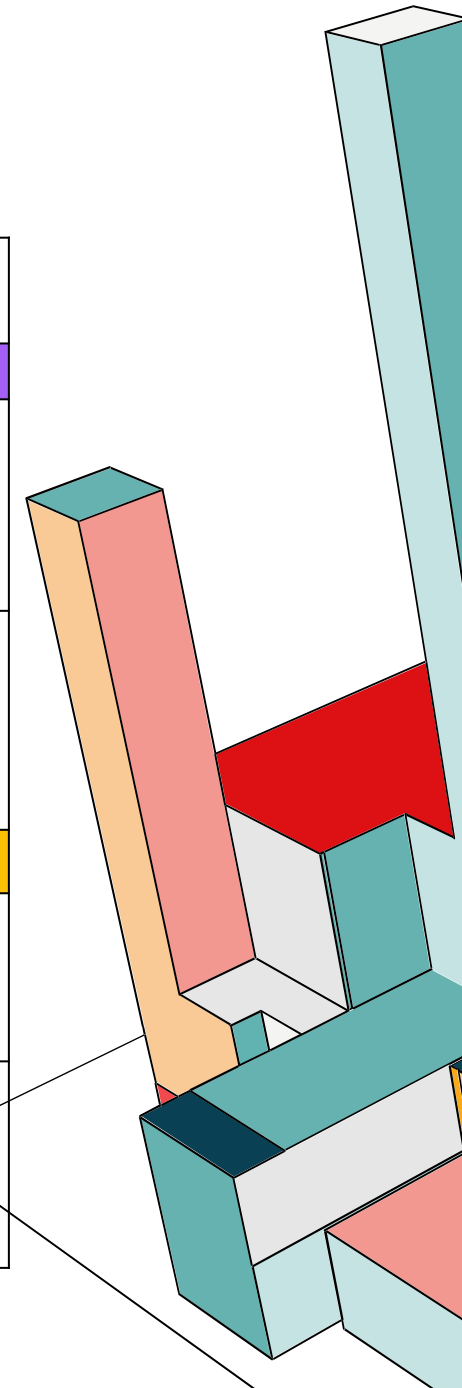


# The Arts

Course	Course overview	Year 10 achievement needed	University/career links
<b>General Courses</b>			
Visual Arts General	The Visual Arts course is a combination of Arts theory and practice. You will learn how to convey ideas about human experience through paint, drawing and other mediums.	-	Graphic Design Professional Artist Illustrator Tattoo Artist Interior Design Architect
Drama General	In the Drama course you will learn performance techniques as well as learning how to design costumes and set design. You watch live theatre performances and work with industry professionals (this year the focus is on stage fighting and prosthetic make up!).	-	Actor, director Stage director Make-up Artist Prop Making Stagehand
Media General	The Media course gives students the chance to work in teams and individually to produce a short films, radio and documentaries. You will film in locations outside of the school - including Fremantle Prison, Northbridge Graffiti lanes and	-	Film maker Marketing Human resources Social media manager Advertising

# The Arts

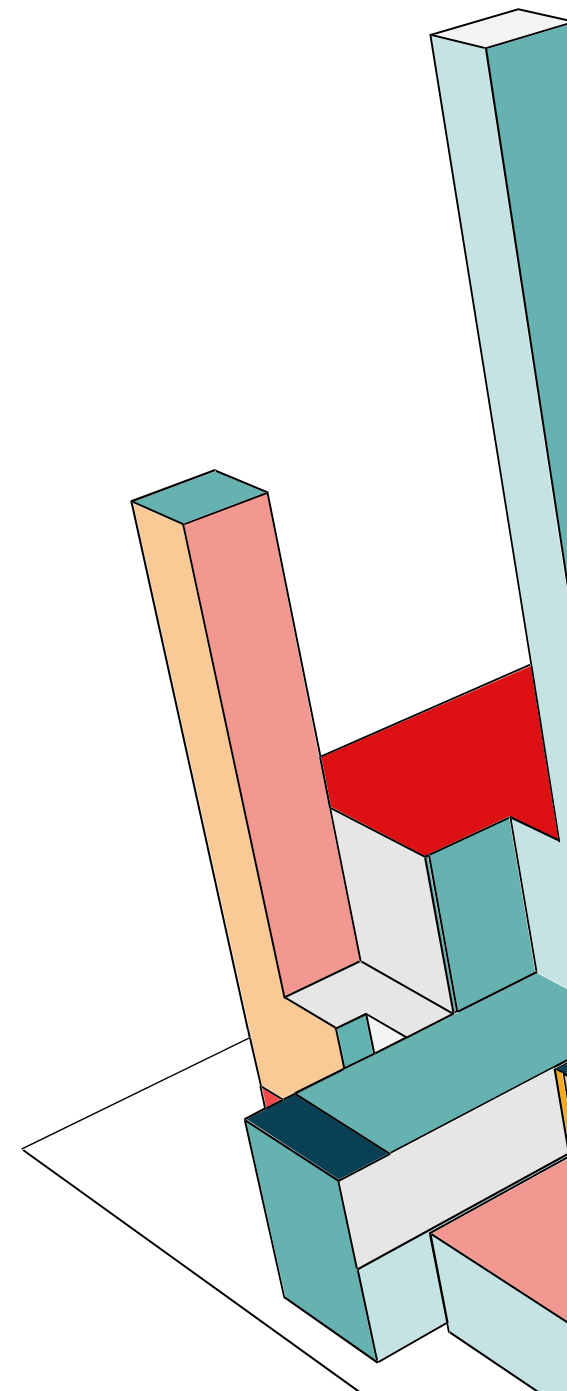
Course	Course overview	Year10 achievement needed	University/career links
<b>ATAR Courses</b>			
Visual Arts ATAR	The course is a combination of Arts theory and practice. You will learn how to convey ideas about human experience through paint, drawing and clay.	B in Visual Arts	Professional Artist Illustrator Tattoo Artist Interior Design Architect
Media ATAR	The Media course gives students the chance to work in teams and individually to produce a short films, radio programmes and documentaries. You will film in locations outside of the school - including Fremantle Prison, Northbridge Graffiti lanes and Cockburn Ice Arena.	B in English	Film maker Marketing Journalist Advertising
<b>Certificate Courses</b>			
Certificate II in Creative Industries	Work with Mr Potts to create 3D models inside of Virtual Reality. We will also be producing films and working with AI technology. There is also a Media Camp and	-	Animator Game design Film maker
Certificate II in Music	The Cert II in Music gives you the chance to develop your musical expertise and stage presence. Learn about the music industry and careers.	-	Musician Audio Engineer DJ Cruise Ship Entertainment



## TECHNOLOGIES YEAR 11 ATAR & GENERAL COURSES:

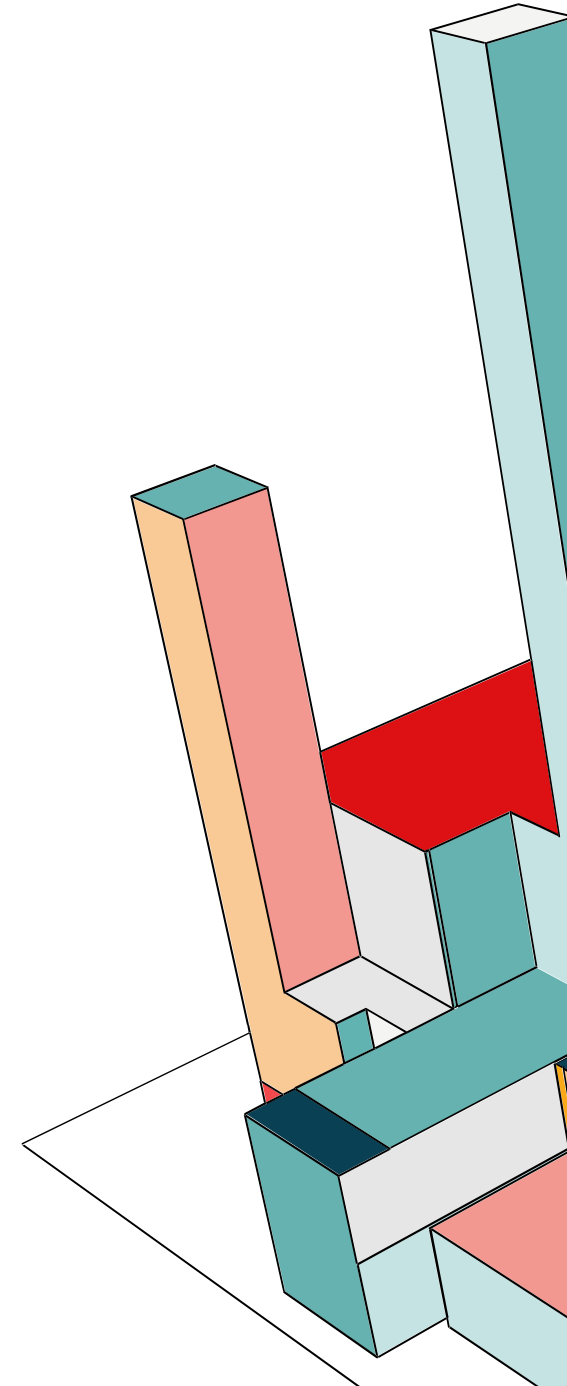
### HOME ECONOMICS

Course	Course overview	Year 10 achievement	University/career links
Textiles	A hands-on course where you learn the skills needed to create your own garments of clothing and accessories.	Nil.	Fashion Stylist, Designer, Fashion Producer.
Food Science	Learn the science behind the foods we cook and consume.	Nil.	Chef, Hospitality Industry jobs.
Children, Family and Community	Learn about the development of children with hands-on experience in the community.	Nil.	Childcare, Nannying, Social Work.
Certificate II Hospitality.	Hands-on experience learning skills that directly lead into the Hospitality sector.	C in English	Chef, Hospitality Jobs



# TECHNOLOGIES YEAR 11 ATAR & GENERAL COURSES: DESIGN AND TECHNOLOGY

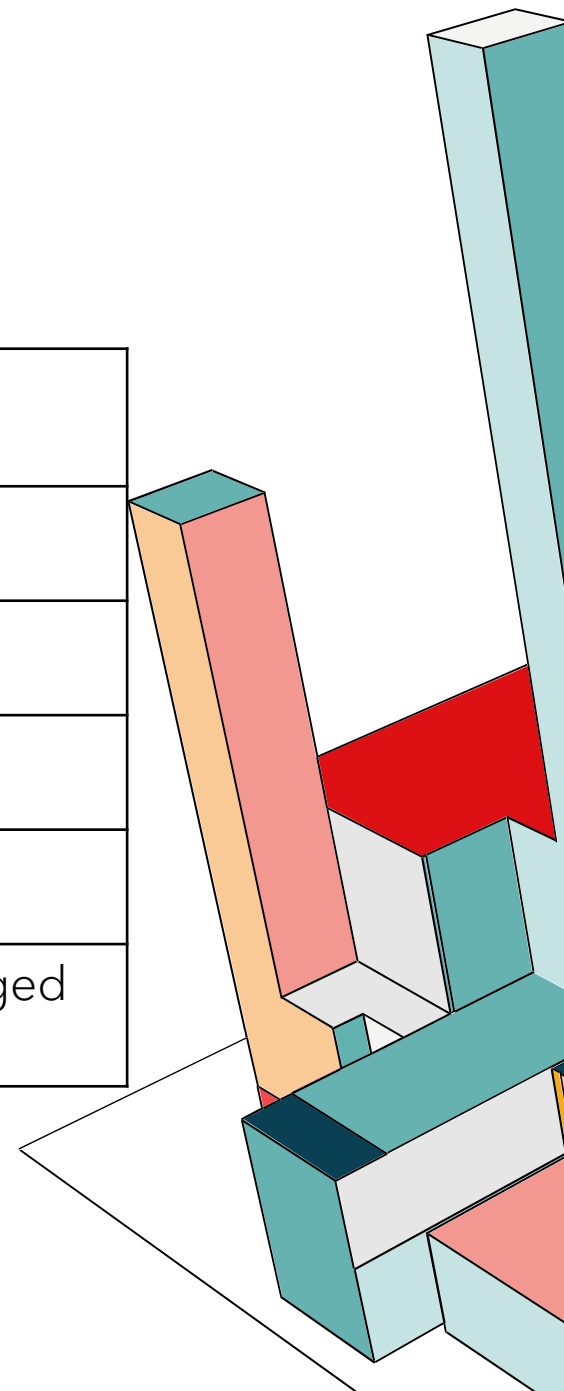
Course	University/career links
Dimensional Design - CAD	Engineer, architect
Wood	Carpenter
Metals	Electrician
Design Graphics	Graphic Designer, Advertising
Design Photography	Graphic Designer, Advertising
Engineering - Mechanical	Engineer, automotive





# HEALTH & PHYS ED. YEAR 11 ATAR & GENERAL COURSES:

Course	University/career links
Physical Education Studies	Teacher, sports coach
Health Studies	Nurse, Aged Care worker
Cert II Sport Coaching	Teacher, sports coach
Cert II Outdoor Recreation	
ATAR Health Studies	Nurse, social worker, community services, aged care



# IMPORTANT DATES COMING UP

- Career Week: Term 2, week 1
- Careers information through Homeroom: Term 2, week 2 onwards
- Parent information night: Term 2, week 4
- Course selections through SSO: Term 2, week 5



# WHO TO SEE IF YOU HAVE MORE QUESTIONS?

**Questions about STEP**– Ms. Bryer in the VET  
Demountable

**Questions about ATAR or General courses:**

Ms. Bryer, Ms. Vukman, or any of the Learning Area  
Deans.

**Advice about pathways:**

Mrs. Bryer, Ms. Vukman, Mr. Mcloughlin or Ms.  
Vipond

