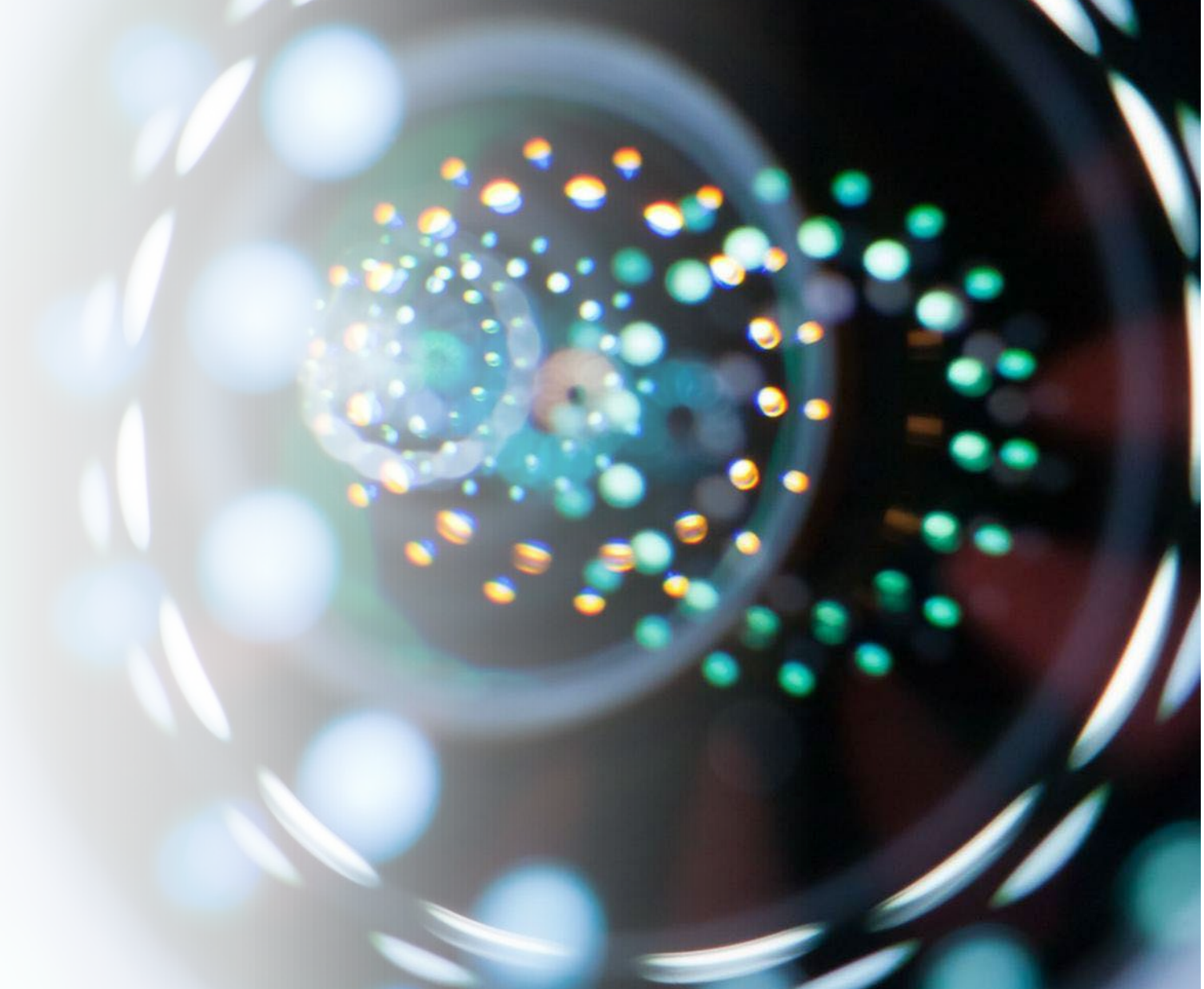




Technologies

Subject selection Yr 11 2026 and
Yr 12 2027



Technologies Courses

2026 - 2027

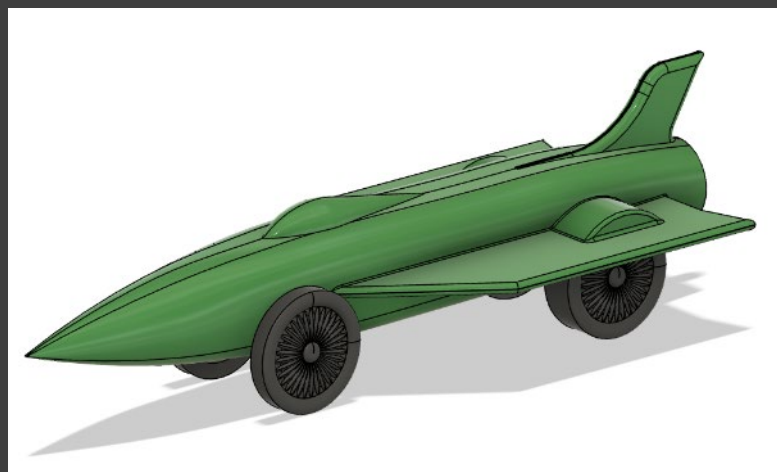
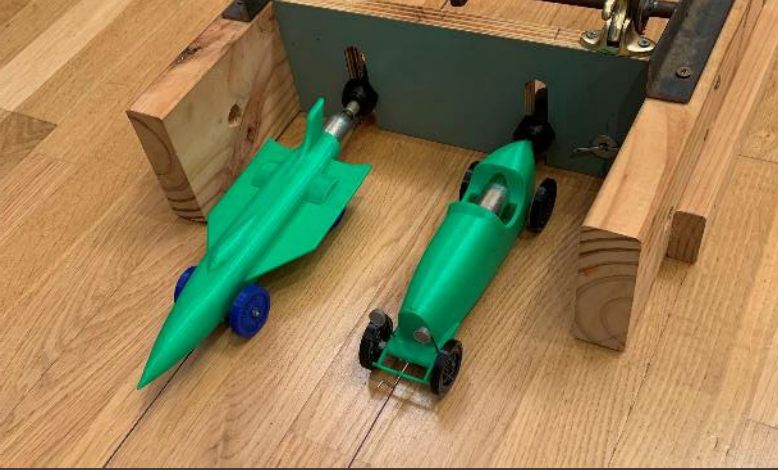
Design and Technologies		Home Economics		Digital Technologies	
Year 11	Year 12	Year 11	Year 12	Year 11	Year 12
MDT Wood	MDT Wood	Food Science and Technology	Food Science and Technology	Computer Science General	Computer Science General
MDT Metal	MDT Metal	MDT Textiles	MDT Textiles	Computer Science ATAR	Computer Science ATAR
MDT Metal (Jewellery)	MDT Metal (Jewellery)	Certificate II Hospitality			
Certificate II Computer Aided Design (CAD)	Certificate III Computer Aided Design (CAD)	Children Families and Community	Certificate II in Community Services		
Certificate II Electrotechnology					
	Cert II Automotive				



Materials Design and Technology Wood

- Use the design process.
- Learn about elements and principles of design.
- Learn and practice the safe use of tools and machinery.
- Use Industry standard CNC machinery.
- Learn about using timber to make things.





Cert II Computer Aided Design (CAD) Yr 11 (Visual Arts)

- Use the design process.
- Learn how to use drawing software to design.
- Produce prototypes of your designs.
- Learn and use an industry standard computer design package.

Materials Design and Technology Metal

- Use the design process.
- Learn about elements and principles of design.
- Learn the safe use of tools and machinery.
- Use Industry standard CNC machinery.
- Learn about using different metals to make things.



Materials Design and Technology **Metal (Jewellery)**

- Create unique jewellery pieces following a design process
- Learn a variety of techniques to shape, form and join metals using a range of tools and equipment in the school jewellery studio
- Use a variety of materials such as sterling silver, brass, copper, freshwater pearls, dichroic glass and gemstones to create intricate designs
- Develop a broad foundation toward a career pathway or as an artist/hobbyist





Materials Design and Technology Textiles

- Use the design process.
- Learn about elements and principles of design.
- Learn the safe use of tools and machinery.
- Use a variety of types of sewing machines including overlockers and embroidery machines
- Learn about using different textiles to make things.



Food Science and Technology

- Learn about food any how it functions
- Local West Australian Foods
- Nutrition
- Food Advertising
- Laws and regulations



Children Family and Community

- Examine role of families and relationship within the community
- Investigate child developmental theory
- Create products for children including food and picture books
- Participate in Virtual Baby program



COMPUTER SCIENCE YEAR 11

GENERAL – COMPUTER SCIENCE

PREREQUISITES

- Nil

This course is designed for students who do not wish to sit an ATAR exam but are interested in becoming information technology professionals.

Content includes:

- Gaining the knowledge and skills required to use and maintain a personal computer.
- Managing data and databases.
- Systems analysis and development.
- Developing software.
- Programming, networks and communications.



COMPUTER SCIENCE YEAR 11

ATAR – COMPUTER SCIENCE

PREREQUISITES

- Year 10 Pathway 1 or AEP Mathematics C Grade; Exm 50%+
- Year 10 Pathway 2 Mathematics – B Grade; Exam 65%

This course is designed for students wishing to become information technology professionals or those who may be interested in developing skills in programming, problem solving, planning and understanding networks and data.

Content includes:

- Design and development of programming and network solutions.
- Design and development of database solutions and cyber security considerations.



COMPUTER SCIENCE YEAR 12

Where to in Year 12?

ATAR – COMPUTER SCIENCE

Prerequisites: Completion of Year 11 ATAR Computer Science C Grade or Higher

GENERAL – COMPUTER SCIENCE

Prerequisites: Nil

Come and join us in Computer Science and explore the world of programming, cybersecurity and data.

Take away skills for many future occupations and courses of study.



Cert III Computer Aided Design (CAD) Yr 12 (Visual Arts)

- Use the design process.
- Build on your knowledge of drawing software to design.
- Produce prototypes of your designs.
- Present your work in a portfolio.
- Use industry standard computer drawing software.



Certificate II Hospitality

- **Completed over two years**
- Learn about working in Hospitality Industry
- Includes Prepare and Serve Espresso and Responsible Service of Alcohol units.



Certificate II Electrotechnology

Completed over two years.

- Entry-level course for electrotechnology careers.
- Prepares for apprenticeships or trade assistant roles.
- Covers basic electrotechnology work and problem-solving.
- Includes General Safety Induction (White Card).
- Aligns with first stage of electrical apprenticeship.



A close-up photograph of several people's hands stacked on top of each other in a circle. The hands are of various skin tones. One person is wearing a black t-shirt with 'JACK DANISH' and 'Tennessee' printed on it. Another person is wearing a plaid shirt. A person in the foreground is wearing a grey and black work glove. The background is slightly blurred, showing more people and what appears to be an outdoor setting with dry grass.

Certificate II Community Service (Year 12)

- Entry level course for those interested in working in health or community sectors.
- Learn about working in community service sector, including aged and disability care.
- Participate in Community Service activities like 5000 meals



Cert II Automotive (Year 12)

- Learn the parts and function of vehicles
- Learn how to service your own car.
- Learn how a vehicle works and how to modify it.

