SCOTCH COLLEGE ADELAIDE

Information Night

Year 10 2027

Mark Goreham

Head of Teaching & Learning

Senior School Information

Welcome

- Mark Goreham– *Head of Teaching and Learning*

- **Careers Counsellors and VET Coordinators:**
- Belinda Sorensen – Cameron and Douglas
- Sam Smith – Campbell and Gordon
- Janet Rainey – McGregor and Stewart

Welcome to the SACE

- South Australian Certificate of Education (SACE)
- Nationally and internationally recognised qualification
- Designed to develop capabilities and skills
- Flexible timeframe and choice of subjects

SACE starts

- All students at Scotch begin their SACE in Year 10.
- In Year 10, students begin mapping out their future and identify their strengths as a learner through a subject called ‘Exploring Identities and Futures’ (EIF.)
- Following this students also do a SACE subject ‘Integrated Learning.’
- All Scotch students will complete Year 10 with 20 SACE credits.

What is Exploring Identities & Futures?

- Compulsory 10 credit Stage 1 SACE subject
- Must achieve a C- grade or better

Helps students to:

- Explore their identity, consider the type of person they wish to be in the future and think about how they can influence the world around them
- Make informed decisions about their personal development, education, and training pathways
- Consider the different perspectives of others and how they respond to them

EIF Assessment

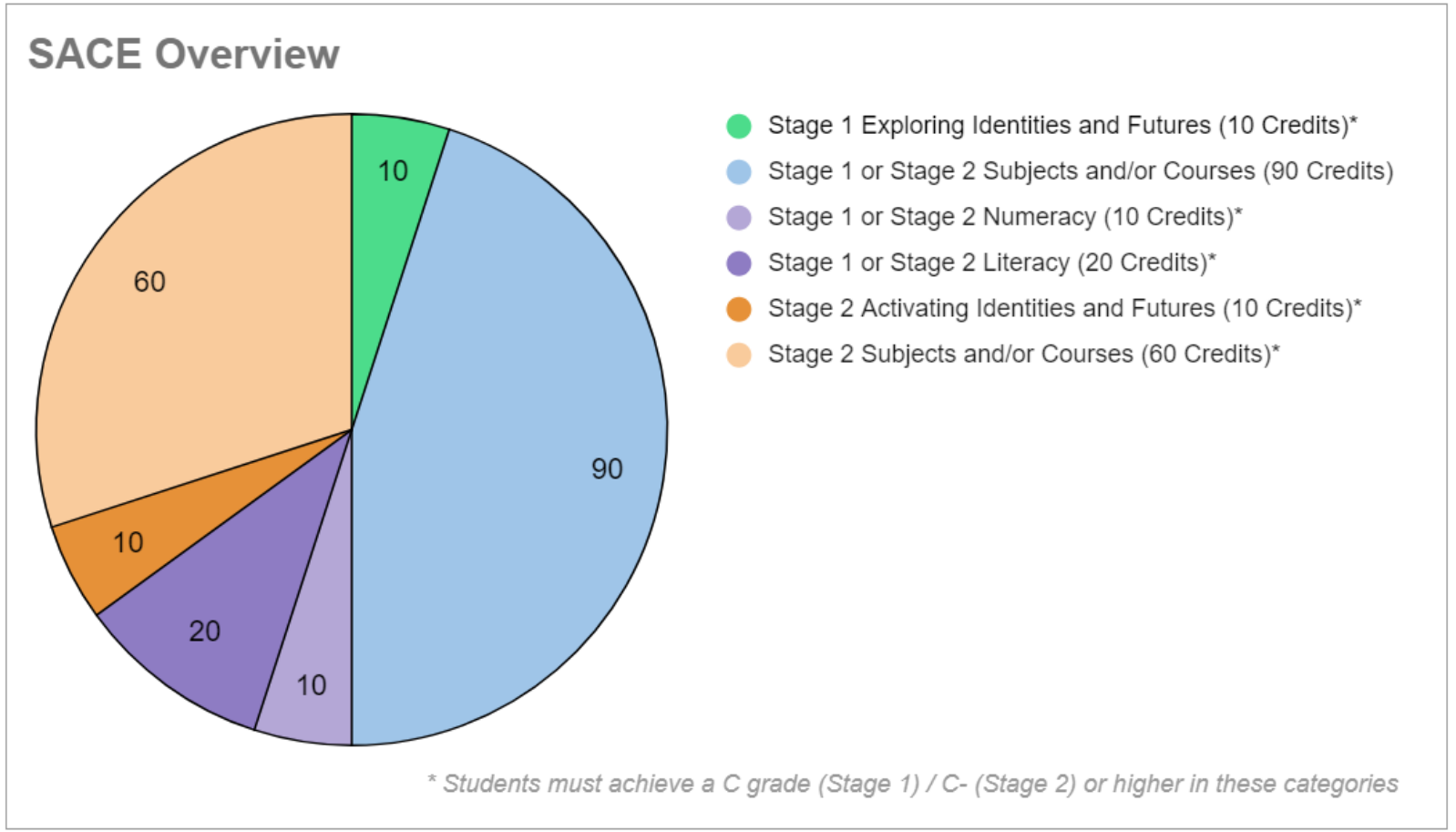
Two summative tasks

- Must gain a C- grade or higher overall
- Moderated by SACE Board

What's next?

- After Year 10, there are two 'stages' of the SACE
- Stage 1 is generally completed in Year 11
- Stage 2 is generally completed in Year 12

SACE Requirements



Year 10 Curriculum

- **Compulsory subjects** – Mathematics, English or EAL, History, Science, Physical Education & Health, EIF, Integrated Learning (Stage 1)

- **Electives– Australian Curriculum**
- Activating the Argadells, Agriculture, Art, Business Innovation, Chinese, Cross Curriculum Studies, Design, Design Technology (Wood or Metal), Drama, Film & Photography (Studio Connect), Food Technology, French, Global Markets & Money, Music, Music Technology, Science & Engineering, Textiles

- **SACE Stage 1 subjects*- Maximum of 2.**
- Biology A, Biology B, Nutrition & Psychology, Sport Science, Digital Technologies, Dance
- * Students must meet the pre-requisites of achieving an ‘A grade’ in Year 9 equivalent and an ‘Excellent’ Effort rating in their studies to study these subjects ahead of time.

- Scotch website

→‘Our School’

→‘Teaching & Learning’

Year 10 is the first year that students choose subjects for the internationally recognised South Australian Certificate of Education (SACE). When selecting subjects it is important to consider the following:

- the courses at university or TAFE that you are interested in;
- the subjects you like and are good at;
- your personal interests.

For students to gain their SACE, they will need a minimum of 200 credits and complete the following compulsory subjects with a 'C-' grade or better:

- Exploring Identities and Futures (10 credits-Year 10)
- English (20 credits – Year 11)
- Mathematics (10 credits – Year 11)
- Activating Identities and Futures (10 credits – Year 11)

Students in Year 10 at Scotch College will complete the Exploring Identities and Futures (EIF), where students identify their strengths and options based on individual interests and aspirations.

Career identification programs, service learning opportunities and work experience visits are conducted throughout the year. Year 10 students move towards independent learning and achieving their personal best in preparation for Year 12 and life beyond secondary school.

For further information, please visit: www.sace.sa.edu.au (the SACE Board), and www.satac.edu.au (SATAC information for university).

Core subjects:

- English or English as an Additional Language (EAL)
- Exploring Identities & Futures (EIF) (Stage 1)
- Health and Physical Education
- History
- Integrated Learning (Stage 1)
- Mathematics - Methods, General or Essential
- Science
- Wellbeing

Elective subjects: Select FOUR additional elective semester subjects chosen from the following:

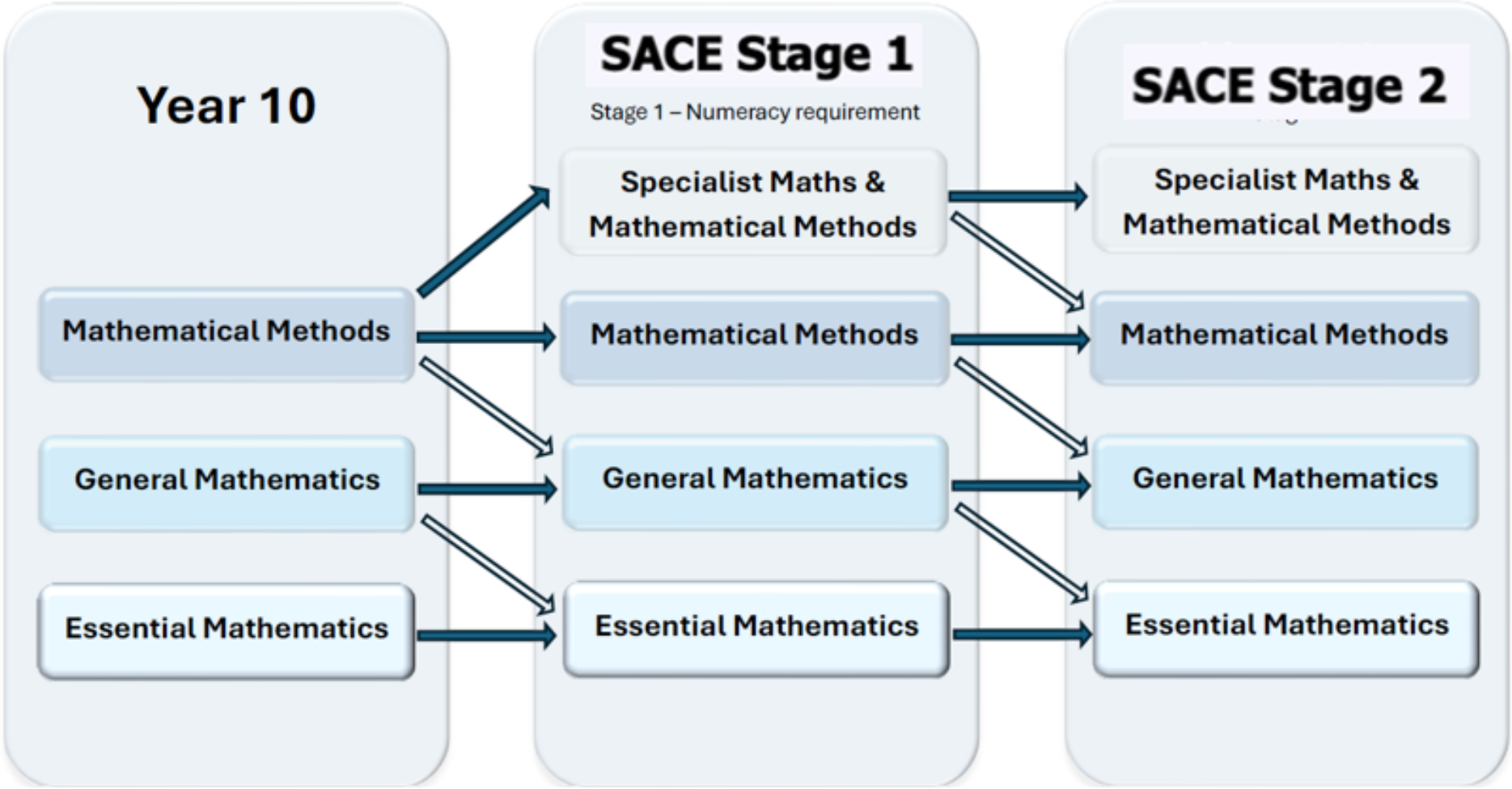
- Agriculture
- Argadells in Action
- Art
- Business Innovation
- Chinese
- Cross-Curriculum Studies (CCS)
- Design
- Design Technology & Engineering - Timber and/or Metal
- Drama
- Film & Photography (Studio Connect)
- Food Technology
- French
- Global Markets & Money
- Music
- Music Technology
- Science & Engineering
- Textiles

Accelerated Learning: Students may study the following subjects if they meet the eligibility requirements outlined in the Student Eligibility and Approval for Accelerated Learning on Page 19. A maximum of 2 choices / 2 semesters of accelerated learning can be selected.

- Biology (Stage 1)
- Chinese (Continuers & Background Speakers) (Stage 1)
- Dance (Stage 1)
- Digital Technologies (Stage 1)
- French (Stage 1)
- Music (Stage 1)
- Nutrition (Stage 1)
- Psychology (Stage 1)
- Sports Science and Technology (Stage 1)

**Cross Curriculum Studies may be available to students with an identified individual learning plan and can only be chosen in consultation with the Head of Inclusivity and Learning Enhancement.*

Mathematics



Head of Mathematics: Jarrad Strain jstrain@scotch.sa.edu.au

Assessment

At Year 10 all subjects are assessed by teachers at Scotch using Australian Curriculum achievement standards.

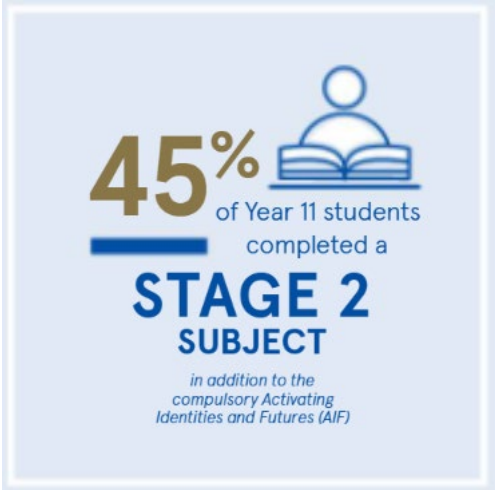
Compulsory subject – Exploring Identities & Futures (EIF) to confirm a minimum C- standard

- Semester 1 Examinations for Maths, Science & Languages (10% weighting.)
- Semester 2 Examinations for Maths, Science, English & Languages (10% weighting)

- Stage 1 Examinations carry a 20% weighting
- Stage 2 Examinations carry a 30% weighting and are externally assessed.

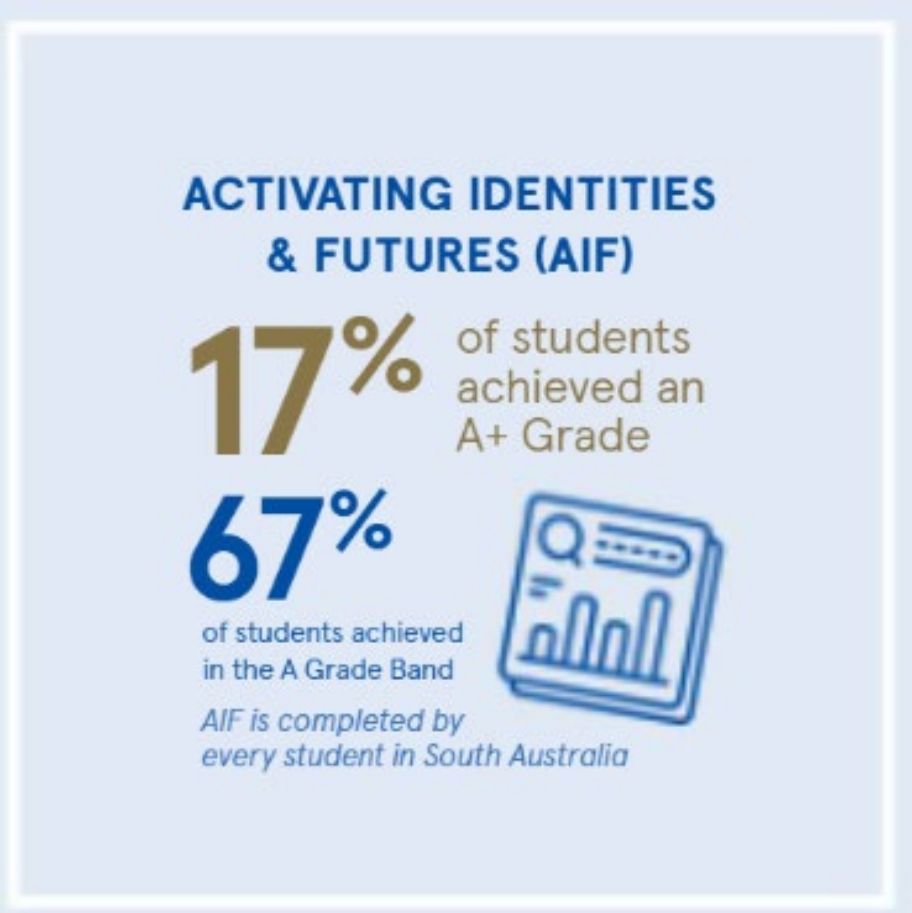
Year 11 Curriculum

- Compulsory subjects: English (20 credits), Mathematics (10 credits) Activating Identities & Futures (AIF)(10 credits)
- More curriculum choice but with specialisation over 40 subjects
- Future pathways – two year package
- Studying a Year 12 subject



Activating Identities & Futures

- A compulsory Stage 2 subject (10-credits)
- In-depth exploration of a research topic of choice
- Must achieve a C- grade or higher to qualify for SACE
- Can be included as part of the Australian Tertiary Admission Rank (ATAR)
- 80% of students across the state use AIF for their ATAR.
- Completed in Year 11 at Scotch
- Extremely well resourced at Scotch



Assessment

- Stage 1 subjects are assessed by teachers at Scotch
- School assessment is moderated (double-checked) in Mathematics and English to confirm a minimum C- standard
- Moderation
- Examinations worth 20%

Year 12 Curriculum

- 40+ subjects offered and all are tertiary recognised
- Students will study either 4 or 5 subjects
- Opportunity to study at Flinders, Adelaide University, CQU

Stage 2 Assessment

- At Stage 2, 70% of the assessment of every subject is marked by your teacher and moderated by the SACE Board
- At Stage 2, 30% of the assessment of every subject (e.g. investigations) is marked by a SACE Board assessor
- The SACE Board makes sure the same standards are applied across all schools

Australian Tertiary Admissions Rank (ATAR)

- Measure of a student's overall achievement compared to others in Australia.
- Used by universities in the selection of school leavers for a place in university courses.
- Ranges from 0 – 99.95
- Calculated from university aggregate out of 90 credits of study.
- This is the equivalent of the best 4 ½ Stage 2 subjects

Language, Literacy and Mathematics Scheme

- Year 12 subjects – Languages, English or English Literary Studies, Mathematical Methods, Specialist Mathematics
- Minimum of 2 points, maximum of 4 points/ adjustment factors. C- or better
- Score is adjusted to University aggregate
- Offered at Charles Darwin, Flinders, Adelaide SAIBT, Tabor and Torrens (there are some course exceptions – Medicine, Vet BioScience)

Calculating an ATAR

- **EXAMPLE 1**: A student receives the following scaled scores.

Stage 2 subjects	Biology	Chemistry	Maths Methods	PE	AIF
SACE Credits	20	20	20	20	10
Scaled Score	A- (17.5)	A- (17.8)	B+ (17.4)	A (17.7)	B (6.45)
Used in Uni Agg Score	Yes	Yes	Yes	Yes	Yes

University Aggregate (Score from best 90 credits) = 76.85
ATAR (based on 2025) ≈ 91.00

University Aggregate (with bonus) = 78.85
Selection Rank ≈ 93.00

Calculating an ATAR

- **EXAMPLE 2**: A student receives the following scaled scores.

Stage 2 Subjects	Nutrition	Chemistry	General Maths	English	History	AIF
SACE Credits	20	20	20	20	20	10
Scaled Score	A (18.3)	B+ (17.7)	A- (16.8)	A- (15.9)	A- (16.3)	A- (7.7)
Used in Uni Agg	Yes	Yes	Yes	Yes (1/2 the score)	Yes	No

University Aggregate (Score from best 90 credits) = 77.05
ATAR (based on 2025) ≈ 91.25
University Aggregate (with bonus) = 79.05
Selection Rank ≈ 93.20

Scaling

- Compares student performance in combinations of subjects
- Fairness across the subject areas
- Mathematical process called the SA Logistical Scaling procedure.
- Exam based subjects

- Why? For tertiary entry, defining academic merit

- Choosing subjects – interests and abilities
- Scaling video: see SATAC site https://www.satac.edu.au/pages/scaling

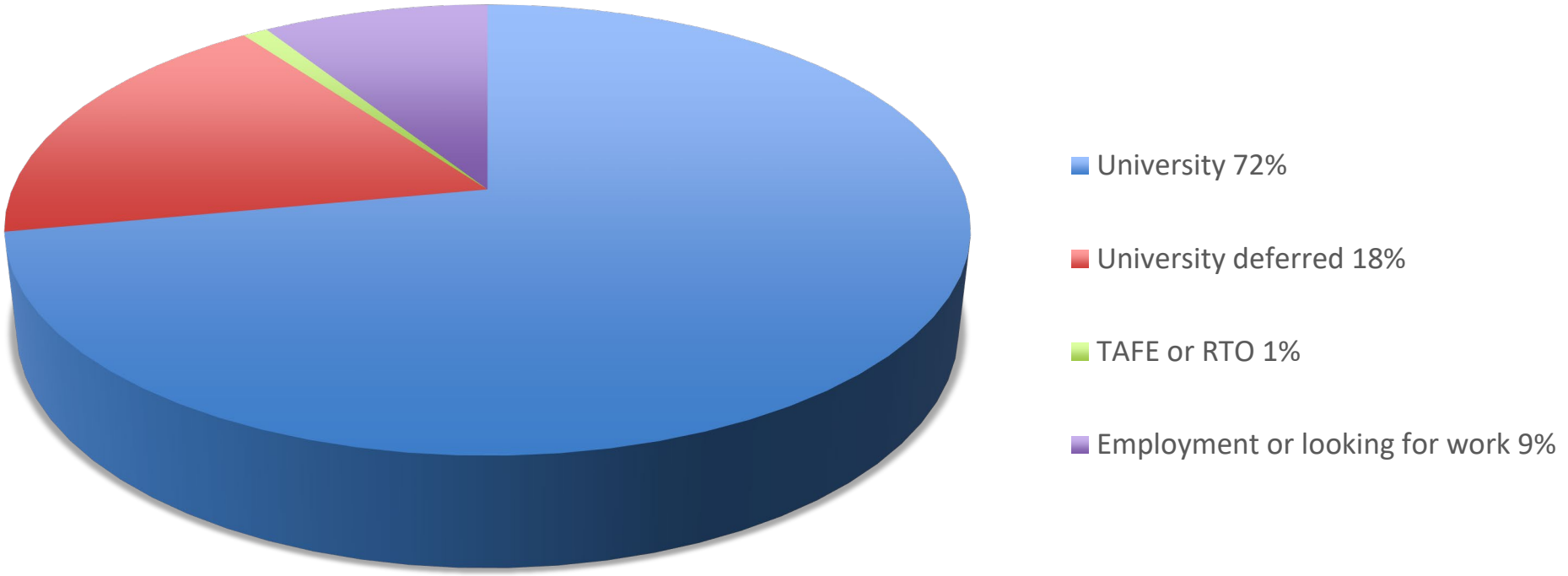
VET & Careers Counsellors

Belinda Sorensen Cameron & Douglas

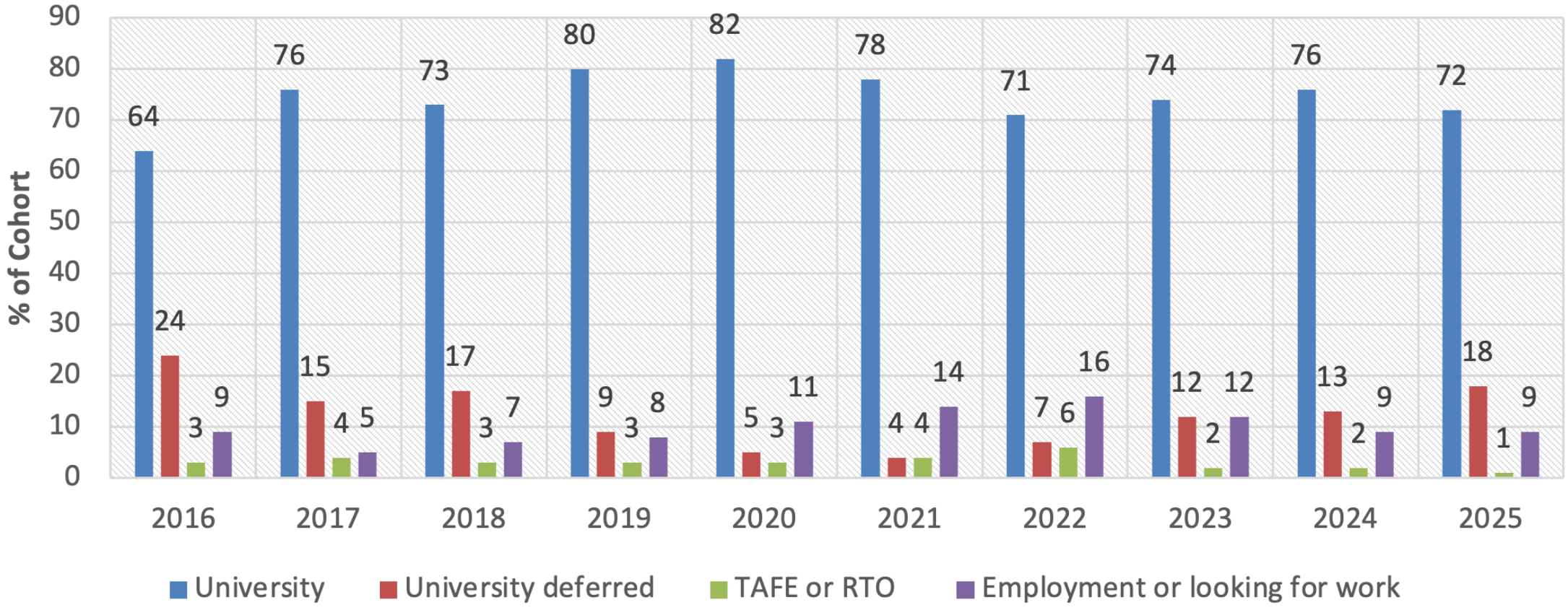
Samantha Smith Campbell & Gordon

Janet Rainey McGregor & Stewart

Overall Post-School Destinations for 2025 cohort



Overall Destinations (Past 10 Years)



University

Current students for entrance to Uni in 2030 need to have:

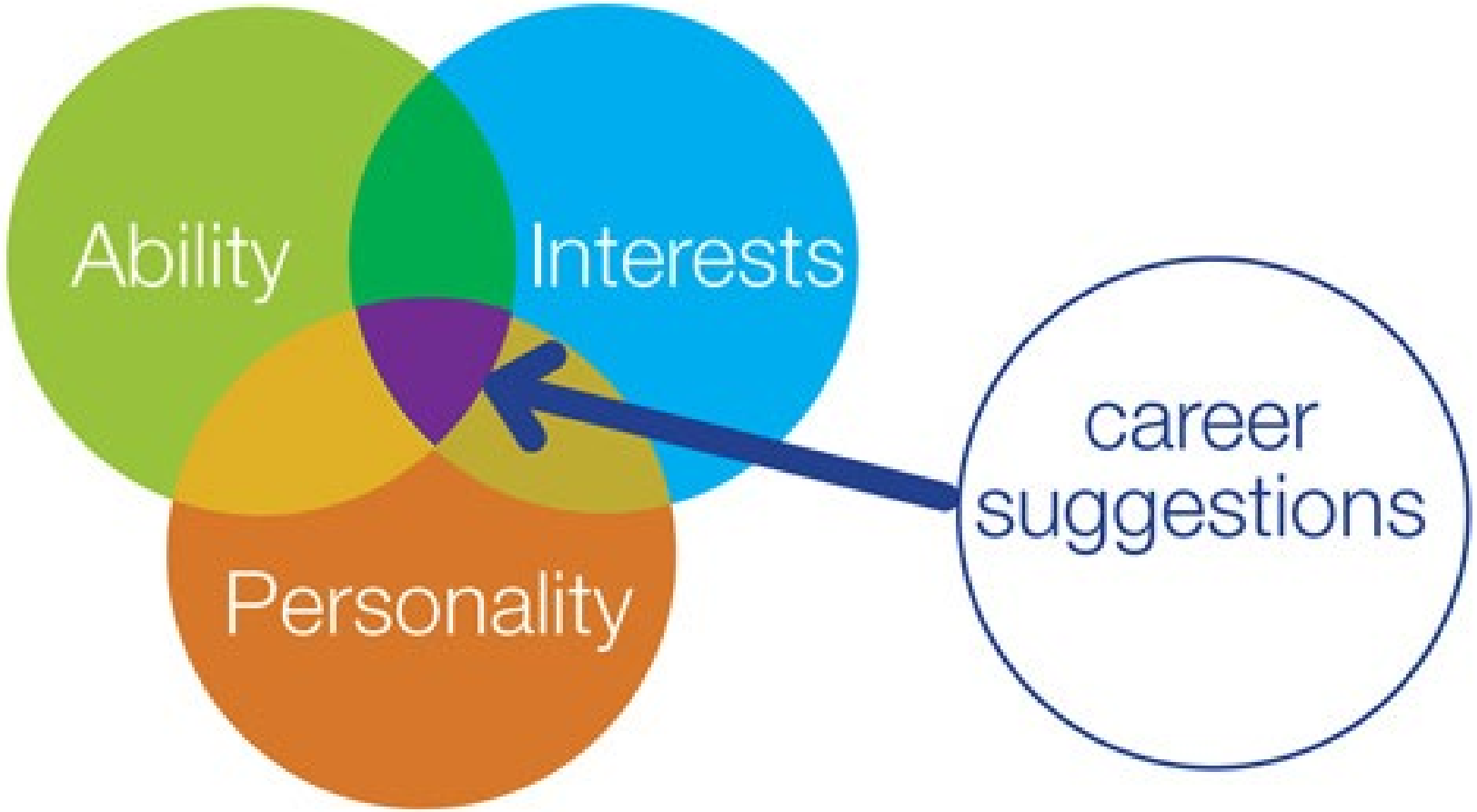
- Completed the SACE
- Have the required 4½ TAS Stage 2 subjects for an ATAR
- Completed the prerequisites needed for their chosen University courses – see SATAC site for information https://www.satac.edu.au/satac-publications

How do I choose a career?

Finding your best place in the world of work

1. How well do you know yourself?
    - Interests, skills, talents, personality, work style, work environment, etc
2. How well do you understand the world of work?
    - Content/activities included in different careers
    - The Australian Job Market – growth projections, opportunities
    - Where will your favourite subjects lead in the future?

Careers Exploration



Morrisby - What does it do?

- Supports subject, course and career choices
- Provides objective statements of underlying abilities, personality and career interests
- Measures potential rather than academic attainment
- Highlights type of ability (not how much)
- **Not** a sorting hat

Morrisby – Why Year 10?

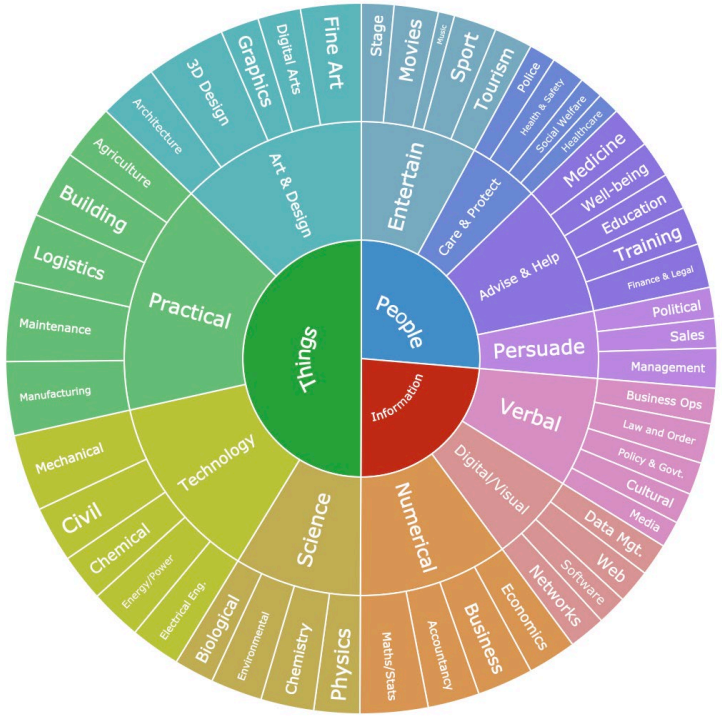
- Students are well-placed to identify areas of interest for future pathways
- Not yet committed to a full program of SACE subjects
- Participate in Work Experience in Term 2
- Perfect opportunity to focus skills, aspirations and personal style

What is involved?

- Approximately 120 minutes of time (in EIF lessons)
- Completed online
- Practice questions

Morrisby Profile

Aptitudes: Your potential and relative strengths



Interests: Your career interests

People

- Caring for people
- Advising people
- Persuading people

Information

- Writing & speaking
- Computers
- Analysing numbers

Things

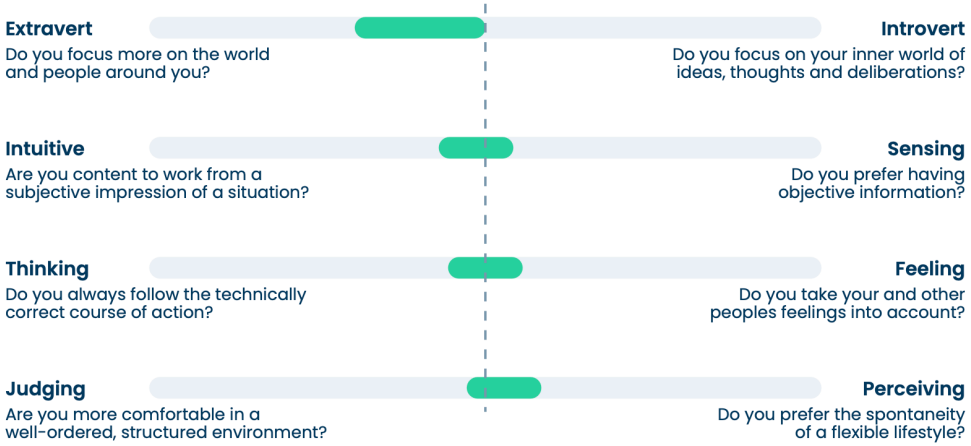
- Working in Science
- Engineering & technology
- Make, build & transport
- Art & Design

Morrisby Profile

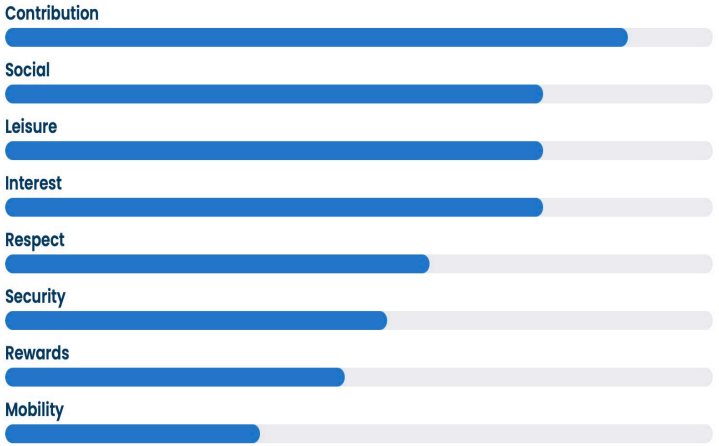
SCOTCH COLLEGE ADELAIDE

Personality Type: The Extravert

Sociable and gregarious enjoys interacting with others and the physical world in general. Logical and reasoned or compassionate and intuitive as appropriate.



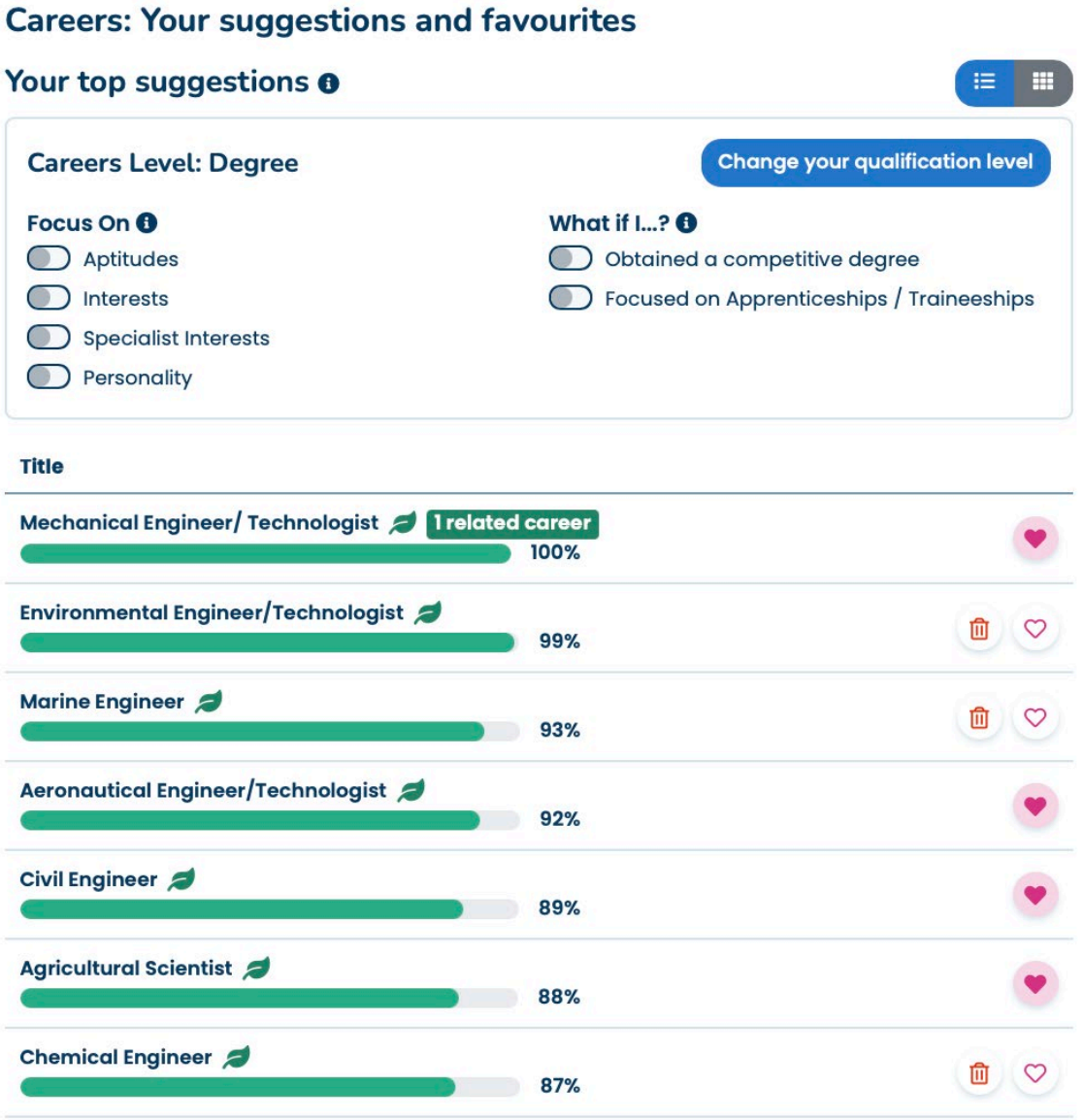
Priorities: What's important to you



Work Styles

Workplace: Your preferences

Exploring Ideas

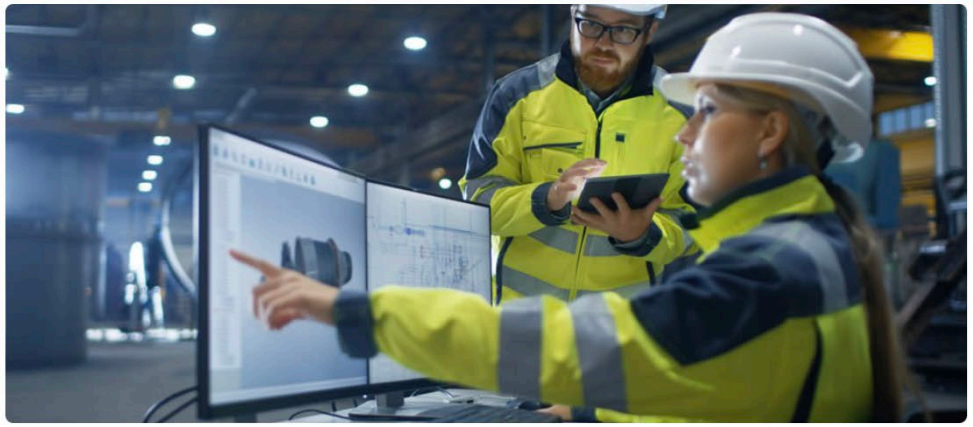


Career content

Mechanical Engineer/ Technologist

Your rating 100%

One of your Favourites



Overview

Mechanical engineers design, build and test new products; they may also look at ways to improve the work of machinery that is already installed and being used. They may be asked to help solve a production problem and start by finding out more about the process. It may mean that existing machinery can be adapted or a new piece of equipment needs to be designed. They may also be involved in research and development, looking at new technologies and how these can be used within various processes. They are assisted at a high level by technologists. Mechanical engineers can work in most of the other engineering industries such as automotive, aerospace, construction and manufacturing. They can work in research, development, maintenance, sales or marketing. People who do this work need to be logical and well organised, with excellent technical skills and good problem solving ability. For future employment prospects and unemployment trend information refer to the Your Career web address.

Media

My Big Tomorrow video - Mechanical Engineer

My Big Tomorrow video - Entrepreneur in Automotive, Mechanical, Industrial Engineering

Mechanical Engineer/ Technologist

Your rating 100%

One of your Favourites

Resources

Key Links

Your Career - Mechanical Engineer
The Good Careers Guide - Mechanical Engineer
The Good Careers Guide - Mechanical Engineering Technologist
SEEK Careers - Mechanical Engineer

Professional Bodies

Engineers Australia
Institute of Automotive Mechanical Engineers

General Information

Jobs and Skills - Mechanical Engineer
CareerHQ - Mechanical Engineer
Open Universities Australia - Mechanical Engineer
Careersonline - Mechanical Engineer
Careersonline - Mechanical Engineering Technologist
SkillsRoad - Industrial, Mechanical and Production Engineers
Study Select - How to become a Mechanical Engineer
Graduate careers - Engineering
Jobted - Mechanical Engineer

Income

Payscale Australia - Mechanical Engineer

Case Studies

Youth Central - Mechanical Engineer
Artofsmart - A Day in the Life of a Mechanical Engineer

Using Morrisby

- Provides a rich starting point for career exploration
- Is the initial focus for a 1:1 follow up interview about future pathways
- Helps shape senior secondary subject choices
- Guides post-secondary training and study options

This is enriched with:

- Careers Expo
- Assessment tasks in Exploring Identities & Futures
- Conversations with Head of Teaching and Learning, Head of House and Careers Counsellor to consider subject choices

VET @ SCOTCH

The best place to access information on VET@ Scotch

Go to **ScotchLife…..**

….Join Groups…..

……..Future Pathways and Careers

VET Courses accessible from Yr 11

Cert 2 – Stage 1 credits
Cert 3 – Stage 2 credits

Consideration in Yr 10

…… VET@ Scotch

https://app.scotch.sa.edu.au/homepage/3152/

Career Counsellor Support

Career Counsellors support the students in their Houses to:

- Explore career pathways and interests
- Organise Workplace Learning
- Understand and effectively utilise VET pathways
- Select subjects in line with future career interests
- Explore post-secondary school education pathways
- Apply for courses at universities, TAFE, other institutions
- Apply for scholarships

Summary

- SACE supports range of subject choices
- Nationally and internationally recognised
- Begins in year 10 with EIF
- Requires 200 credits, including Stage 1 English/ EAL, Stage 1 Maths and EIF, plus 3 x Stage 2 subjects
- Compulsory subjects in Year 10 are Mathematics, English or EALD, History, Science, Physical Education & Health, EIF

Subject Choices for 2027:

- Online choice for subjects
- noreply@selectmysubjects.com.au
- Double signatures – student and parents/guardian
- Year 10 – need to choose 4 semester subjects
- Due **Thursday August 13**

Thank you for listening

- The power point and the recording will be on Scotch Life shortly and posted to the Teaching and Learning sub-site of the Scotch website.

- Questions?