Year 10 Curriculum
Subjects for Year 10 students

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Year 10 English

Course Content
Students study a range of fiction and non-fiction texts based on the comedy genre. They will present orally and in writing various sitcoms and how they have changed over the years. The text, Raw, will be studied, based on the context theme of personal journeys. Students will produce a wider range of texts including narratives, comparative essays and a language analysis. The excursion will allow students to view the Baz Luhrmann’s film Romeo + Juliet. The lecture will be on the themes within the film and Luhrmann’s interpretation.

Assessment
- Tests
- Text essays
- Comparative essays
- Short-stories
- Language analysis
- Oral presentation

Clubs
- Book Club

Excursions
- ACMI

Competitions
- Creative writing
- Reading challenges

Year 10 Mathematics

Course Content
Year 10 Mathematics is unique compared to previous years at AHS, due to the introduction of the 10A stream. This accelerated program better prepares students who may be considering completing Maths Methods or Specialist Mathematics in VCE. This course will focus on more complex algebra skills involving surds, polynomials, circle geometry and graphing quadratics. Students who are more aligned to VCE Further Maths will still be undertaking a challenging program involving financial maths, trigonometry, statistical analysis and interpreting and graphing linear equations.

Assessment
In Mathematics, teachers use a range of assessment types, including formal testing, extended research tasks and investigations, analysis and problem solving projects in conjunction with informal assessment.

Clubs
- Maths Tutoring Club
- Chess Club
- Homework Club
- Robotics Club

Excursions
- MAV Mathematics Games Day

Competitions
- iCAS Maths Competition
Year 10 Science

Course Content
In this subject, students consolidate the development of their skills in Science inquiry. Students study the Big Bang theory and parts of the universe, the periodic table and rates of chemical reactions in Chemistry, heritability and genetics in Biology and forces, energy and motion in Physics. At the completion of this course, SEAL students have gained the necessary knowledge and skills to begin studies in VCE Biology, Chemistry, Physics and Psychology.

Assessment
Assessment of student learning occurs each term through:
- Pre-test
- Post-test
- Science Practical Report

Weekly homework tasks are assessed online through Education Perfect or Compass

Clubs
- Robotics Club
- Girls Who Code

Excursions
- Outreach Program: Cool Nanoscience at La Trobe University

Competitions
- RACI National Titration Competition
- Moonbots Challenge
- Big Science Competition
- Education Perfect Science Championships
- Construction Competition
- Curious Minds (for young women)
- ConocoPhillips Science Experience
- EWB Innovation Challenge
- Re-Engineering Australia Formula 1 Technology Challenge

Year 10 Humanities

Course Content
At Year 10, students explore WWII and develop a comparative essay on the impact of significant events. They learn about civil rights and freedom in Australia and the US. In Geography, students compare and contrast experiences of wellbeing to develop an environmental management plan for a sustainable future.

Assessment
- Source analysis
- Knowledge test
- Persuasive essay
- Oral presentation
- Research report
- Advertisement
- Exam

Clubs
- Young Historians

Excursions
- The Holocaust Museum
- Business Day Out

Competitions
- Australian History Competition
- The Simpson Prize
- The Australian Share Market Game
- National History Challenge
- Spirit of Anzac Prize
Year 10 Essentials for Life (E4L)

Course Content
Year 10 Essentials for Life (E4L) is about becoming the Master. Students prepare for work experience in Terms 1 and 2 and learn about developing respectful, professional relationships in the workplace. Students explore their place within a global community and what it means to them to live a good life. Students explore all the elements of success in VCE, including study habits, mindfulness, stress management and the role of sleep.

Excursions
- Work Experience
- Epworth Sleep Clinic

Year 10 Health & Physical Education

Course Content
In Physical Education, students demonstrate proficiency in the execution of manipulative and movement skills during complex activities. They demonstrate advanced skills in selected physical activities. In Health Education, students explore assertiveness and resilience strategies that could be used in a range of situations, using techniques such as role-play and discussions to practise and reflect on the usefulness of these strategies.

Assessment
- PE: skills assessment and assessment of team work
- Health: workbook, chapter reviews and vocabulary test

Clubs
- Fencing Team
- Fitness group
- Access to ECA at lunch
- Inter-school training

Excursions
- Teams are sent out to various inter-school sporting days

Competitions
- Inter-school competitions
- Swimming Carnival
- Cross Country
- Athletics Carnival
Year 10 Local and Global

Course Content
Students examine a wide range of topics relating to their local and global community. They examine human rights issues and are encouraged to think empathetically and to act as advocates for human rights issues affecting their communities. Students also learnt about mental health issues, investigate Fitness and the Underdeveloped/Developed world, Nutrition, Physical Fitness, Exploring Fitness modes, and Fitness in relation to other cultures.

Assessment
• Investigation and presentations on human rights, mental and physical health issues

Year 9/10 Robotics Elective

Course Content
The Robotics elective will focus on the design, programming, engineering and ethics of robotic systems. Students will work towards developing a robot that is able to autonomously navigate a simulated street obstacle course.

Assessment
• Design and programming documentation
• Presentation and explanation of design to Year 7 students

Competitions
• AHS Autonomous Vehicle Challenge
• Moonbots Challenge

Clubs
• Robotic Club

Professor Gillian Triggs, President Australian Human Rights Commission addressing our students
**Year 9/10 Script It Elective**

**Course Content**
Students will explore script writing for theatre and film. They will examine the conventions such as the three act structure, the Hero’s Journey and 7 point structure to create engaging and dramatic scripts. They will learn how to build character and setting as well as ways to explore themes and concepts.

**Assessment**
- Folio of writing and analysis

**Clubs**
- School Show

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**Year 9/10 NFL Elective**

**Course Content**
Students will learn about the positions in each team (offense, defence and special teams), the plays (both offensive and defensive), team communication and they will improve their strength and fitness. It will not be full contact, as there are both male and female students, and students of all sizes in the class.

**Assessment**
Students will compete in a game at the end of the term, in which they will be graded on their teamwork, individual skills and overall performance. There will also be theory classes throughout the term to improve the students’ knowledge of the sport, during which they will complete PowerPoint presentations.
Year 9/10 Art Mural Elective

Course Content
Students will design and execute a piece of public art for Auburn High School. They will explore the history of public art and consider its difference to graffiti, whilst analysing well-known pieces.

Assessment
• Visual diary
• Theory tasks

Clubs
• Arts Club

Competitions
• School magazine cover competition

Year 9/10 Functional Fitness Elective

Course Content
Students will participate in 60 minute fitness classes, addressing the multiple modes of fitness – Strength, Power, Endurance, Agility, Speed, Coordination, Balance and Stamina. The class will incorporate body weight movements, gymnastics, weight-bearing and aerobic exercises. Students will gain a better understanding of what it is to be truly ‘fit’.

Assessment
Students will program a workout for the rest of the class, and coach the group through their workout. They will be marked on their ability to program the workout and deliver it. There will also be theory classes throughout the term to improve the students’ knowledge of fitness programming, during which they will complete PowerPoint presentations.
Year 9/10 Character Design Elective

Course Content
Students will explore character design for animation and gaming. They will study innovative character design and develop their own unique characters.

Assessment
- Folio
- Visual diary
- Theory tasks

Clubs
- Arts Club

Year 9/10 Hand-On Chem Elective

Course Content
The Hands-on Chemistry elective will explore concepts such as the mol, stoichiometry, chemical nomenclature and patterns in chemical properties. Students will answer the big questions such as “How do you count atoms?”, “How does stoichiometry affect chemical reactions?”, and “Why do some chemicals dissolve in water where others do not?”

Assessment
- Practical experiments
- Folio of practical reports

Competitions
- AHS Journal of Science
- National Titration Competition
Year 9/10 Journalism Elective

Course Content
Students will explore the tactics of persuasion in journalism and write, record and produce media products. They will explore the language and structure of newspaper articles, current affairs and news TV programs and radio interviews.

Assessment
- Folio of media products and analysis

Year 9/10 Put Your Feet Up Elective

Course Content
This Design and Technology elective engages students in design investigations relevant to a range of design factors. Fundamental aspects of design such as function, safety, aesthetics and ergonomics will be considered in the development of a range of foot stool and seating design solutions. Students can learn to manipulate various materials including timber, metal and plastics. Students will apply a range of technical processes to construct their own unique products.

Assessment
- Design
- Production

Clubs
- School Show
- Arts Club

Excursions
- City Excursion
- Rigg Design Awards

Competitions
- Maker Space Competition
Year 9/10 Café Skills Elective

Course Content
This course is designed for students wishing to study catering and food service at a more advanced level. The course aims to provide an introduction to the catering industry, where students will gain knowledge about the functioning of a café, menus, purchasing and storage, cooking techniques and basic principles of management and running a small catering operation. Students will have an opportunity to put their learning into practice and run their own Auburn High School Pop-Up Café.

Assessment
Producing, analysis and evaluation work

Clubs
• Various extra-curricular cooking activities

Excursions
• City Excursion
• Visit local cafés

Competitions
• Taste Magazine ‘Cook the Cover’ monthly competition.
• Food Design Challenge.

Year 9/10 Printmaking Elective

Course Content
Students will examine the processes involved in different printmaking techniques. They will explore and document their ideas, planning towards finished artworks. They will depict a range of subject matter and experiment with different styles.

Assessment
• Folio
• Theory task

Clubs
• School Show
• Arts Club

Excursions
• City Excursion

Competitions
• School magazine cover competition
Year 9/10 Thrillers Elective

Course Content
Students will study film noir, mystery and horror and create, in teams, their own short thriller film. They will look at the films of Alfred Hitchcock, as well as other classics of the genre. Students will learn media production skills and also explore film analysis.

Assessment
• Finished film
• Theory tasks

Clubs
• Arts Club

Excursions
• City Excursion

Year 9/10 What’s the Storage? Elective

Course Content
This Design and Technology unit will give students the opportunity to design, develop and make storage units with consideration for the key aspects of effective design. Students will explore design factors including function, aesthetics and ergonomics. Developing solutions to meet the needs of a client, students will investigate and apply complex technical methods to manipulate resistant materials in order to produce their own individually designed products. Students will also begin to develop skills for thinking perceptively about the product design and manufacture industries.

Assessment
• Design
• Production

Clubs
• Open Workshop

Excursions
• City Excursion
• Rigg Design Awards

Competitions
• Maker Space Competition
Year 9/10 Architectural Design Elective

Course Content
Students will develop relevant drafting techniques, including creating technical drawings. They will explore the masterpieces of architects from antiquity through to contemporary design.

Assessment
- Practical tasks
- Theory tasks

Clubs
- School Show
- Arts Club

Excursions
- City Excursion

Year 9/10 Installation Elective

Course Content
An installation is an artwork for a specific space. Students will create an installation for the science foyer, using 2D, 3D, film/animation and sound. The installation will be for 2016 Science Week and will explore the theme of Technology – Drones, Droids and Robots. Students will be able to use the medium that they most enjoy to produce artwork for the installation.

Assessment
- Folio
- Visual diary
- Theory tasks

Clubs
- Arts Club

Excursions
- City Excursion
Year 9/10 6 Ingredients, a Cooktop and Instagram Elective

Course Content

*Six ingredients, a Cooktop and Instagram* is a new subject in 2016. It enables students to work independently and safely, using a range of complex equipment and techniques to produce food products. Students will prepare meals that require very few ingredients, yet remain visually appealing and nutritious. They will learn how to photograph food with appropriate equipment and share their cooking on the Food Technology Instagram.

Assessment

Producing, analysis and evaluation work.

Excursions

- City Excursion

Competitions

- Taste Magazine ‘Cook the Cover’ monthly competition.
- Food Design Challenge.

Year 9/10 Horror on the Stage! Elective

Course Content

Students undertaking this subject will create horror themed performances for the school play *Inside the Haunted House*. They will explore the conventions of horror and also the roles involved in a theatre production including actors, directors, scriptwriters, production designers, make-up, costume, lighting and sound and specialise in one of these roles.

Assessment

- Workbook
- Theory task
- Practical work

Clubs

- School Show
- Arts Club

Excursions

- City Excursion
Year 9/10 Photography Elective

Course Content
Students will learn fundamental skills in photography and create their own folio of work. They will also examine the work of other photographers and the history of photography.

Assessment
- Folio
- Theory tasks

Clubs
- School Show
- Arts Club

Excursions
- City Excursion

Competitions
- School magazine cover competition