Avenues College

2023 Course Handbook

Year 10

YEAR 10

The Arts

MEDIA ARTS

Length: Semester or Year

Prerequisites: C grade or better in year 9 Media Arts or Visual Arts

Course Description
In Media Arts, students learn to clarify, intensify and interpret human experience through representations in images, sounds and text. Students engage with communications technologies and cross-disciplinary art forms to design, produce, distribute and interact with a range of print, audio, screen-based or hybrid artworks. It involves students making and responding to media arts independently and in small groups. With the discretion of the teacher, the student may undertake one year of study.

Content
- Digital Art & Design / Web Design
- Video Production / Filmmaking
- Digital Photography and Image Manipulation
- Advertising / Interactive Media
- Use of the Adobe Master Collection

Assessment Components
- Practical Skills (50%)
- Investigation/Analysis (20%)
- Folio (30%)

Additional Information
It is strongly recommended that students study at least 1 semester of Media Arts or Visual Arts in Year 10 before choosing Stage 1 Creative Arts or Visual Arts.

MUSIC

Length: Semester or Year

Prerequisites: C grade or better in Year 9 Music (1 or 2 semesters).

Course Description
Learning in Music involves listening, performing and composing music. Students learn about the elements of music. Aural skills are the particular listening skills students develop to identify and interpret the elements of music. Students learn a variety of techniques directly related to their chosen instrument during class time. With the discretion of the teacher the student may undertake one year of study.

Content
- Perform as a soloist & ensemble member
- Develop and apply skills in sound recording via studio
- Introduction to multi track recording and record 1 or 2 songs for college CD
- Perform in a class band and participate in school concerts, college assemblies and end of year Music Showcase
- Use “ACID” music software to create their own compositions and MUSESCOLE to create an arrangement
- Music Theory,
- Musical Literacy Tasks
- Song Writing

Assessment Components
- Practical (70%)
- Theory and Homework Tasks (30%)

Additional Information
It is strongly recommended that students study at least 1 semester of Music in Year 10 before choosing Stage 1 Music.

YEAR 10

The Arts

VISUAL ARTS

Length: Semester or Year

Prerequisites: C grade or better in year 9 Media Arts or Visual Arts

Course Description
Learning in Visual Arts involves students making and responding to artworks, drawing on the world as a source of ideas. Students engage with the knowledge of visual arts, develop skills, techniques and processes, and use materials as they explore a range of forms, styles and contexts. With the discretion of the teacher the student may undertake one year of study.

Content
- Drawing
- Painting
- Printmaking
- Design

Assessment Components
- Practical Skills (40%)
- Visual Study (30%)
- Folio (30%)

Additional Information
It is strongly recommended that students study at least 1 semester of Media Arts or Visual Arts in Year 10 before choosing Stage 1 Creative Arts or Visual Arts.

YEAR 10

Cross-disciplinary

PEER SUPPORT

Length: Year (10 SACE credits)

Prerequisites: Nil

Course Description
In this program, students will focus on developing their understanding of the concepts of leadership and peer support. Students also explore key areas of study linked to the SACE Capabilities.

Content
- Participating in a variety of programs to support Year 8 students transition to High School
- Leading a project based on building resilience
- Year 8 camp (not compulsory)
- Participating in a variety of programs focused on developing teamwork, communication and leadership skills
- Application process required to be accepted into this course

Assessment Components
- Folio and discussion (30%)
- Practical (40%)
- Group Activity (30%)

Additional Information
Additional selection criteria may apply if numbers exceed places.

PERSONAL LEARNING PLAN (PLP)

Length: Semester (10 SACE credits)

Prerequisites: Nil

Course Description
Through the Personal Learning Plan students extend the journey of exploring, planning and developing their personal and learning goals leading to informed decision making about their future education and training.

Content
- Identify, explore, and develop personal and learning goals, and strategies to achieve them
- Resumes / career development
- Capability development
- Work Experience
- Work, Health and Safety

Assessment Components
- Folio (70%)
- Review (30%)

Additional Information
This compulsory SACE Stage 1 subject will occur in Semester 1.
Students must achieve a C grade or better for successful SACE completion.

YEAR 10

Cross-disciplinary

RESEARCH PRACTICES

Length: Semester (10 SACE credits)

Prerequisites: Nil

Course Description
This subject will prepare students for the Research Project, a Stage 2 compulsory subject. Students will gain an understanding of the different research processes involved in conducting research.

Content

- Critically evaluating sources for validity and reliability
- Annotating articles
- Exploring the issues of ethical practices
- Conducting surveys and interviews
- Exploring the different types of referencing

Assessment Components
Folio (70%)
Source analysis (30%)

Additional Information
This compulsory subject. will occur in Semester 2.

YEAR 10

English

ENGLISH

Length: Year

Prerequisites: B grade or better in Year 10 English.

Course Description
Through their study of English, students will continue to improve their ability to control and use the English language in a wide variety of contexts, in increasingly complex ways. Throughout the year students will explore the three strands of the Australian Curriculum English: Literacy, Language and Literature.

Content
Including but not limited to:

- Writing: Persuasive Arguments, Recount, Narrative, Connected Texts
- Analytical Essays
- Studying: Novels, Poetry, Film

Assessment Components
Tasks will fall into either of two categories, Responding to Texts or Creating Texts. Within each category students may be required to undertake written tasks, oral/multimodal presentations and/or visual/creative tasks.

Additional Information
This subject is compulsory for a full year.

YEAR 10

HASS

GEOGRAPHY

Length: Semester

Prerequisites: C grade or better in Year 9 HASS.

Course Description
Through a study of Geography students will develop a greater understanding of the physical world, the challenges facing us in the 21st century and strategies for managing change. The topics studied allow students to investigate case studies from Australia and around the world. Second Semester topics are negotiated.

Content
- Environmental Change and Management
- Geographies of Human Wellbeing

Assessment Components
- Essays/Explanations
- Source Analysis
- Research/Investigations
- Reports

Additional Information
This course is not compulsory.
Students wishing to study Geography at Stage 1 (Year 11) should select Year 10 Geography in order to develop the necessary skills.

HISTORY

Length: Semester or Year

Prerequisites: C grade or better in semester 1 compulsory History to study elective History in semester 2.

Course Description
1918 to the present day. By developing critical thinking skills, greater understanding of historical concepts and research skills, students will gain an appreciation for the past and how it connects to their future. Students who select to study History for two semesters can negotiate an area of study in the second semester.

Content
- World War Two (1939-1945)
- Human Rights (1945-Present)
- Popular Culture (1945-Present)
- Environmental Movement (1960-Present)
- Migration Experiences (1945-Present)

Assessment Components
- Historical Essays/Explanations
- Source Analysis
- Research/Investigations.

Additional Information
This course is compulsory for one semester.
This subject leads to Stage 1 Modern History.

YEAR 10

Health and PE

CHILD STUDIES

Length: Semester

Prerequisites: Nil

Course Description
This unit covers the changing needs of a child from conception to school age.

Content
- Conception and genetic issues
- Pregnancy and becoming a parent
- Child development and play
- Constructing a toy/learning aid
- Child safety
- Nutrition and food for children

Assessment Components
- Practical Activities (50%)
- Group Activity (25%)
- Investigation (25%)

Additional Information
Leads to Stage 1 & 2 Child Studies.
The course includes visits to child care centres

HEALTH AND PHYSICAL EDUCATION

Length: Semester

Prerequisites: Nil

Course Description
This course is designed to expose students to a range of sport and recreation activities to promote future physical activity. Students will complete an Outdoor Education theory unit with the opportunity to go on an overnight camp.

Content
- Fitness
- Sport skills
- Recreation activities
- Outdoor Education theory unit
- Overnight camp

Assessment Components
- Practical involvement (70%)
- Theory based on promotion of recreation pursuits (30%)

Additional Information
This subject is compulsory for a semester
This subject leads to Stage 1 Health & Wellbeing, Physical Education or Sport Studies.

YEAR 10

Health and PE

PHYSICAL EDUCATION EXTENSION

Length: Semester

Prerequisites: B grade or better in Year 9 PE

Course Description
This course is suited to students who aim to continue with Physical Education in year 11 and 12. Students will participate in a range of sports. Focus will be on skill development, tactics and game awareness. Theory will aim to prepare students for senior school Physical Education.

Content
- Fitness
- Sport skills
- Game skills - tactics
- Leadership and initiative activities
- Theory: Coaching Skills

Assessment Components
- Practical based on skill checklists (70%)
- Theory (30%)

Additional Information
This subject leads to Stage 1 Physical Education, Sport Studies, or Health & Wellbeing.

YEAR 10

Languages

AUSLAN

Length: Year

Prerequisites: C grade or better in Year 9 Auslan.

Course Description
Students will continue to develop and consolidate their skills to communicate with Auslan users and develop an awareness of the Deaf community, identity and culture. They will reinforce their skills and knowledge of fingerspelling and Auslan grammar while building their overall sign knowledge. Students will also have opportunities to use their Auslan knowledge and skills in the community.

Content
- The Individual: Personal identity, Relationships
- The Changing World: Technology, The world of work, Travel, Social issues
- The Deaf and Hearing Communities: Lifestyles, Arts and Entertainment, Development of the deaf community, values, attitudes, beliefs

Assessment Components
Assessment will depend on the class structure, however will include the following assessment types:
- Signed assessment in pairs or small groups
- Individual signed assessment
- Analysis of a signed piece
- Investigation/ research

Additional Information
This course leads to Stage 1 Auslan (continuers).

YEAR 10

Mathematics

MATHEMATICS

Length: Year

Prerequisites: Nil

Course Description
This course has been written in accordance with the requirements of the Australian Curriculum. Students have the opportunity to further explore and develop the Mathematical concepts studied in Years 8 and 9 and to develop an understanding of how mathematics and numeracy connect to their future.

Content
- Number and Algebra
- Linear and non-linear relationships
- Financial Mathematics
- Pythagoras Theorem and Trigonometry
- Geometric Similarity
- Statistics and Probability

Assessment Components
Students will be engaged in a range of assessment tasks designed to demonstrate their achievement against the Mathematical Performance Standards for Year 10 in the domains of Knowledge and Understanding, Problem Solving and Modelling, Communication and Mathematical Reasoning.

Additional Information
This course is compulsory for a full year.
A two-semester Mathematics course allowing students to make an informed choice of Mathematical study for Stage 1.

MATHEMATICS EXTENSION

Length: Year

Prerequisites: B grade or better in Year 9 Mathematics.

Course Description
This course has been written in accordance with the requirements of the Australian Curriculum Mathematics 10A course. It is designed to help students develop skills and interest in mathematics, reinforcing and extending problem solving, algebraic manipulation and the use of technology in mathematics.

Content
- Non-linear relationships and Logarithms
- Polynomials, Algebra and Quadratics
- Financial mathematics and Surds
- Measurement & Geometry
- Advanced trigonometry
- Statistics

Assessment Components
Students will be engaged in a range of assessment tasks designed to demonstrate their achievement against the Mathematical Performance Standards for Year 10 in the domains of Knowledge and Understanding, Problem Solving and Modelling, Communication and Mathematical Reasoning.

Additional Information
Only offered as a semester course.
Recommended for students interested in a high level SACE mathematics pathway.

YEAR 10

Science

SCIENCE

Length: Year

Prerequisites: Nil

Course Description
This course has been written in accordance with the requirements of the Australian Curriculum. Students have the opportunity to further explore and develop the Scientific concepts studied in Years 8 & 9, and to develop an understanding of how science and technology connects to their future.

Content
- Genes, DNA, Natural Selection
- Atomic Theory
- Motion & The Universe
- Rates of Chemical Reactions
- Energy Transformations
- Earth Systems

Assessment Components
Students will be engaged in a range of assessment tasks designed to demonstrate their achievement against the Science Performance Standards for Year 10 in the domains of Knowledge and Understanding, Science Inquiry, and Science as a Human Endeavour.

Additional Information
This course is compulsory for a full year.
A two-semester general Science course allowing students to make an informed choice of specialist Science courses to study at Stage 1.

SCIENCE EXTENSION

Length: Semester

Prerequisites: B grade or better in Year 9 Science.

Course Description
Science Extension builds on the Year 10 Science course and is designed to help students develop and extend laboratory manipulation skills by growing biofuel, and exploring solutions to current issues through practical and project work.

Content
- Laboratory and science manipulation skills A
- Investigation and Project A
- Laboratory and science manipulation skills B
- Investigation and Project B

Assessment Components
Students will be engaged in a range of assessment tasks designed to demonstrate their achievement against the Science Performance Standards for Year 10 in the domains of Knowledge and Understanding, Science Inquiry, Science as a Human Endeavour.

Additional Information
Only offered as a semester course.
Recommended for students interested in SACE Science courses/ STEM pathway

YEAR 10

Technologies

CAD (COMPUTER AIDED DESIGN)

Length: Semester

Prerequisites: Nil

Course Description
Students will utilise current Computer Aided Design software to produce 2D and 3D drawings to industry drawing standards. Students will design, prototype and create designed products.

Content
- Produce 3D models using Autodesk Inventor
- Create simple and compound projected and revolved parts
- Create and print part drawings to AS1100 Drawing Standards
- Place and constrain parts & exploded views of an Assembly Model
- Use CNC and Additive manufacturing technologies to produce designed products

Assessment Components
- Skills Tasks (30%)
- Major Product and Folio (70%)

Additional Information
Leads to Stage 1 CAD.
This course will benefit students undertaking further study in all Technologies subjects and VET Pathways at Stage 1 and Stage 2 levels.

DIGITAL PHOTOGRAPHY

Length: Semester

Prerequisites: Nil

Course Description
This course introduces the use of digital cameras and their capabilities. Students will learn to capture images in varying light conditions, portraiture work, theme interpretations and on location assignments. Adobe Photoshop will be used to edit and enhance images taken. A firm understanding of composition skills and planning processes required when working on photographic assignments will be emphasised.

Content
- Camera skills and terminology
- Composition
- Photographic themes and styles
- Digital enhancement and manipulation

Assessment Components
- Skills Tasks (30%)
- Major Product & Folio (70%)

Additional Information
Leads to Stage 1 and 2 Digital Photography.
Supports students taking Stage 1 and Stage 2 Creative or Visual Arts.

YEAR 10

Technologies

DIGITAL TECHNOLOGY

Length: Semester

Prerequisites: Nil

Course Description
This course aims to develop creative and innovative problem solving. Students will analyse problems, design and create solutions and evaluate their outcomes. Students use specialist robotics equipment, implement modular programs, apply selected algorithms and data structures to real world problems.

Content
- Collaborate using online platforms
- Programming/coding
- Analysing meaningful data
- Maintain system security/integrity
- Create digital content /systems
- Produce innovative solutions

Assessment Components
- Skills & Application Tasks (40%)
- Folio (40%)
- Presentation (20%)

Additional Information
Leads to Stage 1 Digital Technologies

FOOD TECHNOLOGY

Length: Semester or Year

Prerequisites: Nil, but successful completion of Year 9 Food Technology would be an advantage.

Course Description
Students will develop their understanding of kitchen safety, hygiene, nutrition, technology, food preparation and presentation. Students use the Design Model to investigate, plan and make their own dishes.

Content
- Work in a socially diverse environment
- Food safety and hygiene
- Providing a link between Kitchen and Front of House service area
- Organising, preparing and presenting food
- Developing knowledge and skills in cooking (catering focus)
- Menu planning

Assessment Components
- Practical Tasks
- investigations

Additional Information
Leads to Stage 1 Food and Hospitality.
Supports students wishing to pursue VET Hospitality courses.

YEAR 10

Technologies

MATERIALS TECHNOLOGY (WOOD / METAL)

Length: Semester

Prerequisites: Nil, but experience and knowledge with Woodwork and Metalwork would be an advantage.

Course Description
Students will use a range of manufacturing technologies, such as tools, machines, equipment, and/or systems to design and make products with Wood and/or Metal.

Content
- Developing skills in using both hand/ power tools e.g. MIG Welding, Lathe, Radial Arm Saw
- Using appropriate joining methods
- Designing, making and evaluating an item of furniture
- Analysing products and processes involving real world design problems
- Applying appropriate hardware and finishes to the completed article
- Safe working practices
- Develop and/or interpret CAD drawings of products

Assessment Components
- Skills Tasks (40%),
- Major Product & Folio (60%)

Additional Information
Leads to Stage 1 - Materials Technology (Wood / Metal) and Stage 2 Woodwork and Metalwork

STEM (TECHNOLOGY)

Length: Semester

Prerequisites: C grade or better in Technology, Science and Maths.

Course Description
Students will need to make direct links between STEM (Science, Technology, Engineering, Maths) subjects and make connections in their learning. The course aims to develop team collaboration, a greater understanding of inquiry-based learning and the development of better problem solving skills. It will also enhance an improved understanding of sustainability, caring for the environment, entrepreneurial thinking, promoting responsible and safe environmental practices.

Content
- Electronics and Material technologies
- Biology, Physics, Chemistry and Maths
- Technologies and Society
- Engineering Principles and systems
- Global sustainability
- Collaborating and managing projects
- Promote sustainable practices in the school community with the Aquaponics System

Assessment Components
- Skills Tasks (40%),
- Major Product & Folio (60%)

Additional Information
Develops the skills needed for the Stage 1 Gaming Systems and Digital Technology Course. Introduces students to Aquaculture and Horticulture, should they wish to pursue similar pathways.