



SOUTH COAST
BAPTIST COLLEGE

Elective course summaries

Year 7-10

2024

Rigorous Minds | Compassionate Hearts

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YEAR 7 AND 8

ARTS

DESIGN PHOTOGRAPHY

This course explores the power of digital imagery to communicate and connect with audiences. Students will learn about DSLR cameras, as well as how to refine and manipulate images using Lightroom and Photoshop. Through creative expression and critical analysis, students will develop their own photographic style and gain a deeper understanding of photography.

DRAMA

The Drama course teaches students self-control, group skills, and creating believable characters. They explore improvisation, storytelling, and elements of drama. Students learn to evaluate their work and support each other on stage. In Year 7, students will focus on storytelling, stage confidence, improvisation, elements of drama, unscripted acting, medieval theatre, stock characters, and exploring plays like Dr. Faustus. In Year 8, the focus will be on storytelling, stage confidence, improvisation, elements of drama, unscripted acting, children's theatre, and the production process including costume design and scenography.

FILM PRODUCTION

The Film Production course recognises the entertainment, informative, and cultural influence of film. It explores various film styles and genres to challenge audience values. The course is highly practical, with students working in teams to complete a film project. Students will learn to use DSLR cameras for filming, gain an understanding of lighting and sound basics, and utilise Adobe Premiere Pro for editing the final short film production.

MUSIC

Music engages, inspires, and empowers students, stimulating their imagination and critical thinking. It is a universal expression of human experience, drawing from diverse cultures. The course focuses on contemporary vocals and offers instrument choices like guitar, keyboard, or drums. Students learn music theory, develop technical skills, and have performance opportunities. Assessments include observation, participation, and theoretical and aural evaluations.

VISUAL ARTS SPECIALIST

The Visual Art Specialist course is a practical and project-based learning experience. Students will engage in exciting art projects such as sculpture, ceramics, mural making, and painting, aiming to bring life to the school and the community. Building upon the skills learned in the compulsory Visual Art class, students will learn the process of designing and creating artworks using various mediums. They will also have the opportunity to collaborate with local Australian artists.

PHYSICAL EDUCATION

DANCE

This course offers students an exciting introduction to the world of dance. Through a combination of creative movement exercises, basic dance techniques, and choreographic exploration, students will develop body awareness, coordination, musicality, and self-expression. They will gain a solid foundation in dance and discover the joy of movement.

OUTDOOR EDUCATION

In Year 7, students develop outdoor skills through introductory lessons and local bike rides, focusing on topics like survival, mapping, first aid, and cooking. They participate in a cycling journey and beach activities. In Year 8, students deepen their understanding of outdoor skills, including bushwalking, survival, first aid, and equipment use. The course culminates in a day hike exploring the local area. This elective builds a foundation for Year 9 Outdoor Education.

SPORT AND FITNESS

This elective focuses on practical and engaging activities in the sporting and fitness fields. It aims to promote lifelong involvement in physical activity by providing a wide variety of team sports, individual sports, and fitness sessions. The course improves movement skills, fitness knowledge, and overall physical performance. It serves as a foundation for future electives in CrossFit and Physical Education Studies in Year 10. Assessment is based on practical skills.

TRAMPOLINING

Increase your fitness, improve your coordination and have loads of fun as you learn to propel yourself safely into the air. The Trampolining program will be equal parts challenging and rewarding and is taught by qualified and accredited specialist coaches. This exciting elective teaches aerial awareness, safe landing skills and body control, and is being offered in our new state of the art Gymnastics Centre.

TECHNOLOGIES

ESPORTS

The Esports course recognises the global growth and significance of esports, comparable to traditional sports in terms of player numbers and financial impact. The course serves as an introduction to esports and expands on content from the existing Digital Technologies course, particularly in data analysis and team dynamics. The course comprises both practical and theoretical components, covering game genres, ethics, community interaction, health (including mental health), data analysis, and the technical, environmental, economic, and social aspects of online systems.

FLIGHT

The Year 8 Flight course explores the principles of flight, including lift, thrust, drag, centre of lift, centre of gravity, and dihedral. Students will learn how these factors affect aircraft performance. They will apply this knowledge to design, construct, and fly their own small model aircraft. Additionally, students will learn to fly a fixed-wing airplane using flight simulator software, mastering take-off, accurate circuit flying, and successful landings.

FOOD SCIENCE TECHNOLOGY

Discover the world of Food Science, empowering students to cultivate lifelong healthy eating habits through engaging experiences with diverse foods. This course equips students with essential skills in food preparation, kitchen hygiene, and safe food handling. Each week, students create simple recipes focusing on nutritious breakfasts, lunches, and the exploration of herbs and spices. The primary objective is to foster healthy food choices rooted in a comprehensive understanding of the food pyramid. Assessment methods include teacher observations, skill development checklists, and practical evaluations, culminating in the completion of a design brief utilizing the Technology and Enterprise Process.

GAMES TECHNOLOGY

Explore the world of Games Technology, delving into the diverse range of skills required for computer game development, including graphics, coding, audio, and narrative. Students participate in a national video game competition as their final project. This course builds upon the Digital Technologies curriculum and paves the way for future studies in Computer Science. Emphasising game design and development, students enhance their computational thinking skills, analyse data in digital systems, and tackle the complexities of data storage and transmission. They create a user-friendly interface with a focus on accessibility and usability, fostering teamwork through online collaboration.

MATERIALS DESIGN & TECHNOLOGY: WOOD

The Materials Design Technology - Wood course focuses on developing students' knowledge, skills, and understanding in design and technologies. Students will learn to produce designed solutions by creatively and competently selecting and manipulating materials, systems, components, tools, and equipment. They will also explore the roles and responsibilities of people in design and technology occupations and their contributions to society. The course emphasises practical skills such as selecting, measuring, cutting, joining, and finishing materials, as well as using hand tools and machine tools safely. Students will engage in a Technologies design process and complete a practical project as part of their learning experience.

ROBOTICS

In Year 7, students learn programming concepts and apply them to program a small robot for set challenges. They also gain practical skills in electronics soldering and construct a robotics project. In Year 8, students complete advanced robotics projects, solving real-world problems with robotics and programming. They design and build solar-powered robots, emphasising creativity, the design process, basic electronic circuits, and sustainability.

TEXTILES

The course introduces students to sewing machines, sewing techniques, basic sewing patterns, and cutting skills. Students will design and create textiles products using various techniques, including seams, embellishments, textile paints, and markers. The course aims to develop an understanding of fabric creation and manipulation to produce different products. This course will suit students who have an interest in sewing and working with fabric.

MESH

CROSS CURRICULAR PROJECT

This unique course integrates multiple subjects to foster interdisciplinary learning and critical thinking skills. Through engaging projects, students will explore real-world problems, collaborate with their peers, and apply knowledge from various disciplines such as science, maths, language arts, and social studies. They will develop research, problem-solving, and presentation skills while making connections across different areas of study.

CREATIVE WRITING

In this course, students will explore different types of writing such as stories and poems. They will learn how to make their writing interesting by using descriptive words and creating interesting characters. The course will help students find their own style of writing and express their thoughts and feelings. By the end of the course, students will have a portfolio of original pieces and a solid foundation in the art of creative writing.

YEAR 9 AND 10

ARTS

DESIGN PHOTOGRAPHY

Photography is a captivating and enriching medium that has the power to communicate and inspire. In this course, students will delve into the world of digital imagery, discovering how photography can connect audiences and express their unique perspectives. They will gain an understanding of DSLR cameras and learn how to refine and manipulate images using Adobe Lightroom and Photoshop. Through a range of projects, students will explore both digital and print-based photography, honing their skills and critically analysing their own work as well as the work of others.

DRAMA

In Drama, students develop their acting and performance skills by learning to adapt to new roles and situations, while also exploring character development and problem-solving. They use various techniques in voice, movement, and expression to enhance their performances. The course incorporates teachings from renowned theatre practitioners, allowing students to experiment with different styles and approaches. Opportunities for performances throughout the year provide hands-on experience in stage management, costuming, and technical aspects of theatre. In Year 9, students delve into stage combat, melodrama, and devised drama, while Year 10 focuses on Shakespearean performances, theatre practitioners, and exploring different theatrical styles.

DRAMA PRODUCTION

The Year 9 and Year 10 Drama Production courses offer highly practical and performance-focused experiences for students. Through designing and producing larger productions showcased in competitions and school events, students develop skills in acting, collaboration, and leadership. These courses provide a rich creative experience in live theatre and film, where students explore theatrical concepts, production management, planning, directing, scenography, costume design, and special effects. They will also have the opportunity to specialise in areas such as costume, set, lighting, or sound design. Students applying for this course must also apply to study Drama.

FILM PRODUCTION

In Film Production, students explore the construction and impact of media in various contexts, aiming to challenge audience values. This practical course focuses on time management and completing film projects. Students will develop advanced skills in camera operation, lighting, sound, and gimbal use. They will utilise software like Adobe Premiere Pro and After Effects to create diverse media projects throughout Years 9 and 10. Projects encompass short film competitions, documentary, and news productions, as well as online video content. The course provides hands-on experience in film production techniques and digital editing software.

MUSIC

In Years 9 and 10, the Music curriculum adopts a project-based approach, emphasising group performances. Each project consists of three main phases: preparation, process, and performance. Students receive instruction in music theory, aural identification, terminology, and expressive techniques relevant to the chosen performance. The process phase involves group rehearsals, feedback, and iterative improvement. The final phase culminates in performances at school concerts, lunchtime events, assemblies, or recorded sessions. Assessment primarily focuses on week-to-week progress during the process phase, transitioning from fundamental musical elements to the stylistic aspects of each song. Students also engage in composition tasks, creating their own original songs.

MUSIC SPECIALIST

The Music specialist course is designed for students who already possess advanced proficiency in playing a musical instrument. This program focuses on refining their skills and delving deeper into the world of music. Through personalised instruction and ensemble performances, students will further develop their technique, musicianship, and expressive abilities. The curriculum encompasses advanced music theory, composition, improvisation, and historical analysis. Students will have opportunities to collaborate with fellow musicians, participate in advanced ensembles, and engage in challenging repertoire. The course aims to nurture and inspire the next generation of exceptional musicians, preparing them for future endeavours in music performance and composition.

VISUAL ARTS 2D

Visual Art is a powerful tool that shapes and inspires culture in our world. In Visual Arts 2D students focus on art making using wet and dry mediums, such as pencil, charcoal, pastels, conte, watercolour, acrylic paint, ink, oil paint, etching and printing. This subject is very practical, students create artworks every term by exploring mediums and building skills. As students critically analyse artists, art styles and art movements, students build a strong understanding on how to express themselves in aesthetic ways. During the course students will learn the process of designing to create artworks. Students will use a variety of Visual Art media and investigate contemporary artists.

VISUAL ARTS 3D

Visual Art is a powerful tool that shapes and inspires culture in our world. In Visual arts 3D students build skills in mediums and materials of a physical nature such as clay, textiles, wire, plaster, moulding, and other sculptural materials. This subject is very practical, students produce artworks each term. These artworks vary in size, and are student directed. This subject suits those who enjoy working with a variety of materials, for those who are interested in designing structural forms, and for students who like to work actively. Through viewing and analysing artists, structures, art styles and art movements, students build an awareness of how to communicate ideas and messages, form, and function through aesthetic means. During the course students will learn the process of designing to create their chosen artworks. Students will use a variety of Visual Art media and investigate contemporary artists.

PHYSICAL EDUCATION

DANCE

Students will explore a range of dance styles while focusing on building foundational techniques and developing body awareness. Through fun and engaging exercises, students of all skill levels will improve their coordination, rhythm, and flexibility. Embrace the opportunity to collaborate with peers, learn choreography, and showcase your progress in a supportive and inclusive environment. This course aims to boost confidence, foster a love for dance, and encourage personal growth.

OUTDOOR EDUCATION

Through interaction with nature and the outdoors, this course aims to develop an understanding of our relationships with the environment, others, and ourselves. The Year 9 and 10 Outdoor Education course focuses on outdoor activities in a range of environments, including camping, hiking, navigation, and ocean awareness and safety. Students will participate in overnight camps and expeditions as part of this program. Students may also obtain the following qualifications: Year 9: Surf Life Saving Certificate Year 10: RLSSS Bronze Medallion. Through participation in this elective, students are able to build a foundation for their future studies in Year 11 and 12 General or ATAR Outdoor Education.

CROSSFIT

CrossFit incorporates parts of several sports and exercises and is a high-intensity fitness program. CrossFit is for anyone who wants to get fitter, learn new skills, see progression, and develop perseverance. It is perfect for beginners and learning correct technique will be a major emphasis. This fun and challenging class will be coached by an accredited teacher in our specialised CrossFit gym as we aim to improve our cardiovascular and respiratory endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance, and accuracy. All practical movement and skills are underpinned by theory relevant to fitness, health and wellbeing.

TRAMPOLINING

Increase your fitness, improve your coordination and have loads of fun as you learn to propel yourself safely into the air. The trampolining program will be equal parts challenging and rewarding and is taught by qualified and accredited specialist coaches. This exciting elective teaches aerial awareness, safe landing skills and body control; and is being offered in our new state of the art Gymnastics Centre.

TECHNOLOGIES

BUILDING AND CONSTRUCTION

This is a year-long elective that offers a real-world experience. Students engage in client assessment, design, budget and time management, construction, and installation of a large-scale school project. This class is ideal for motivated students interested in careers in design, construction, engineering, architecture, or project management. It combines creativity, technical skills, and sustainable use of diverse materials. Content includes the design process, client liaison, professional and practical skills, problem-solving, teamwork, and initiative. A prerequisite is a proven history of motivated learning and effort, as this team-based subject requires active participation and project completion.

COMPUTER SCIENCE

Computer Science in Years 9 and 10 include understanding computing concepts by practical use of learned theory. The course covers computer hardware, software development, cyber security, networking and databasing. The course is a path to further study in Years 11 and 12 General Applied Information Technology and ATAR Computer

Science. The course has short and extended projects. Some project examples are gaming PC design and build, game development, app design and development, arcade build, cyber security competitions, drone programming, and database challenges.

ENGINEERING STUDIES

Engineering Studies provides a focus on design through creative, practical, and relevant opportunities for students to investigate, research and present information, design and make products and undertake project development. Engineering Studies is essentially a practical course focusing on real life contexts. Students will develop skills in CAD (Computer Aided Design), microcontroller programming, circuit board fabrication and mechanical assembly techniques. Students will also have opportunities to use a 3D printer, CNC milling machine and Laser cutter in the production of their projects. Some projects undertaken by the students may include development of radio-controlled vehicles, robots, and other interactive electronic devices.

FOOD SCIENCE TECHNOLOGY

Food Science Technology aims to teach essential cooking skills and promote healthy eating habits. Year 9 focuses on competent food preparation, covering breakfast, main meals, and desserts. Students gain a deeper understanding of ingredients, storage, nutrition, and cooking methods. Year 10 explores different nutritional models, enhances food preparation skills, and prepares a variety of global dishes. The course incorporates food science principles, examining how ingredients react to external influences to create diverse textures and flavours.

MATERIALS DESIGN AND TECHNOLOGY: METAL OR WOOD

This course empowers students to make informed decisions and develop innovative solutions in response to complex challenges. Students investigate, design, plan, manage, create, and evaluate solutions while utilizing traditional, contemporary, and emerging technologies. They gain a comprehensive understanding of the role and impact of technologies on the economy, environment, and society for a sustainable future. Through hands-on workshops, students engage confidently with materials, tools, and equipment, fabricating fully functional and visually appealing projects. A prerequisite for this course is a strong safety record when working in wood and metals workshops.

TEXTILES

This course is an engaging and practical exploration of the world of textiles and fashion. Students will develop fundamental skills in sewing, fabric selection, pattern making, and garment construction. Through hands-on projects, they will learn about different textile techniques, while building their understanding of elements of design, colour theory, and fashion trends, allowing students to express their creativity and develop their own unique style. Students will gain a deeper understanding of the textile industry, sustainability in fashion, and the cultural significance of textiles. This course fosters creativity, critical thinking, and an appreciation for the artistry and functionality of textiles.

KEYS2LIFE AND VEHICLE BASICS

This course aims to equip students with essential knowledge and skills related to vehicle operation and maintenance, and to promote responsible and safe practices while fostering a deeper understanding of the automotive industry. Students will develop critical skills, such as problem-solving, decision-making, and effective communication in the context of vehicle operation. Additionally, it fosters an awareness of environmental considerations and encourages students to adopt sustainable practices within the automotive field. By completing this course, students will gain a solid foundation in vehicle basics, enabling them to make informed decisions and navigate the world of driving with confidence.

YEAR 9 ONLY

CHINESE

This language elective offers students the opportunity to communicate and connect with diverse cultures. It fosters an appreciation for cultural diversity and develops cognitive skills that benefit students across various subjects. Mandarin Chinese is globally recognised and holds economic, political, and social importance. This course builds upon foundational language skills, focusing on practical interactions and simple conversations in different contexts. The curriculum covers daily routines, sports, leisure, living arrangements, shopping, and contemporary Chinese lifestyle. Homework assignments are an integral part of the course, reinforcing learning and language practice.

STEM SCIENCE

STEM Science allows students to apply their scientific understandings outside the classroom. Students create high interest projects that solve real-world problems. The content of this course is dynamic and largely guided by student interests. Students engage in project-based learning to address different scenarios, and design and construct projects aimed at finding solutions. Students are provided with feedback on their design thinking by their teacher, with advice and recommendations, but each project is student-led and designed.

CREATIVE WRITING AND DEBATING

The Creative Writing and Debating elective allows budding authors the opportunity to explore different forms of writing and work on developing their creative skills. Students will study the writing of famous authors and work to mimic particular styles and genres, in order to find their own personal voice and writing style. Students will also develop critical thinking, public speaking, and research skills as they explore various topics and engage in lively debates. Through interactive discussions and practice debates, students will build confidence in expressing their opinions and develop an understanding of different perspectives.

YEAR 10 ONLY

PHYSICAL EDUCATION STUDIES

Physical Education Studies is an engaging elective that caters to students interested in the sporting field. It is particularly beneficial for those considering ATAR Physical Education Studies in Year 11 and 12. The course focuses on active participation in sports and aims to foster a lifelong engagement in physical activity. It also serves as a pathway toward the Year 11 and 12 Certificate II in Sport Coaching. The elective includes both practical and theory sessions, with an emphasis on improving performance and understanding physical activities. Some off-campus sessions and sports are incorporated, with adjustments made to accommodate travel time during lunch or recess.

CREATIVE WRITING AND PUBLISHING

The Creative Writing and Publishing elective allows budding authors the opportunity to explore different forms of writing and work on developing their creative skills. Throughout the year students will work on various types of creative writing by studying key concepts relating to writing and editing. Students will study the writing of famous authors and work to mimic styles and genres, in order to find their own personal voice and writing style. By the end of the year students will collaboratively create, edit, and publish a creative writing magazine that will be shared with our College community.

MATHS EXTENSION

Mathematics is a powerful tool for understanding the order, patterns, and relationships in the world. This elective course aims to prepare high-performing Year 10 students for advanced Year 11 ATAR Mathematics courses. Students will explore topics such as Radian Measure, Combinatorics, Surd laws, Matrices, and cubic functions. They will also enhance their problem-solving skills and learn how to provide detailed solutions to complex mathematical problems. To enrol in this course, students should be in Stream 1 Maths with a minimum of 70%. This course offers an extension beyond the standard curriculum, providing a solid foundation for further mathematical studies.

PERSONAL FINANCE AND INVESTMENT

This elective allows students the opportunity to explore different areas of personal finance management including investment options and budgeting. This course works to strengthen

students' financial literacy and connects with core numeracy skills as well as the overarching aims of the HASS curriculum in relation to the impact of economics on individuals. Throughout the year students will learn to create and manage a personal budget. They will also have an opportunity to participate in the ASX School Sharemarket Game to explore potential investment opportunities and the associated risks and benefits which can come from these.

PSYCHOLOGY

In this course, students will explore the human mind and behaviour as they delve into various psychological theories, concepts, and research methods. Through engaging discussions, interactive activities, and real-life case studies, students will gain a foundational understanding of topics such as personality, cognition, and social psychology. This course provides a solid platform for further studies in Year 11 and 12 ATAR Psychology.

SCIENCE EXTENSION

Science Extension is an exciting course that delves into the mysteries of the universe and provides a strong foundation in scientific knowledge. Students will gain a deeper understanding of the world around them and develop critical thinking skills to evaluate and make informed decisions based on scientific evidence. The course covers various topics such as energy transfer, nuclear reactions, electricity, and motion. Please note that a strong mathematical background is required for this rigorous course, and students should be in Stream 1 Maths in Year 9 or Year 10.

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