

YEAR 10 SUBJECTS 2017



COMPULSORY SUBJECTS

ENGLISH

Learning Area – English

In Year 10 English, students study a variety of genres to address the outcomes of Reading and Viewing, Writing, Speaking and Listening. Students learn a variety of reading and writing strategies through the study of short stories, newspapers, film, electronic texts, novel, poetry, advertising and dramatic texts. There is a year-long focus on the conventions of Standard Australian English such as spelling, punctuation and grammar. Students explore both contemporary texts, and classical texts such as Shakespeare. In each class, there is a focus on readying students for their next step after Year 10; be it full time further study, employment or a combination of the both.

Students are also given two opportunities to pass their Online Literacy and Numeracy Assessments in Year 10; March and April. Teachers analyse data from students' Year 9 NAPLAN tests to strategically teach specific skills so that they can move closer to passing the assessments. Students must meet the standards in these reading, writing and numeracy tests by the end of Year 10 to achieve the Western Australian Certificate of Education.

MATHEMATICS

Learning Area - Mathematics

The Australian Curriculum: Mathematics provides students with essential mathematical skills and knowledge in *Number and Algebra*, *Measurement and Geometry*, and *Statistics and Probability*. It develops the numeracy capabilities that all students need in their personal, work and civic life, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built.

The curriculum focuses on developing increasingly sophisticated and refined mathematical understanding, fluency, logical reasoning, analytical thought and problem-solving skills. These capabilities enable students to respond to familiar and unfamiliar situations by employing mathematical strategies to make informed decisions and solve problems efficiently

Topics Studied:

Number and Algebra

- Real Numbers
- Money and financial mathematics
- Patterns and algebra
- Linear and non-linear relationships

Measurement and Geometry

- Using units of measurement
- Geometric reasoning
- Pythagoras and trigonometry

Statistics and Probability

- Chance
- Data representation and interpretation

SCIENCE

Learning Area - Science

The Australian Curriculum: Science allows students to explore systems at different scales and connect microscopic and macroscopic properties to explain phenomena. Students explore the biological, chemical, geological and physical **evidence** for different theories, such as the theories of natural selection and the Big Bang. Atomic **theory** is developed to understand relationships within the periodic **table**. Understanding motion and forces are related by applying physical laws. Relationships between aspects of the living, physical and chemical world are applied to systems on a local and global scale and this enables students to predict how changes will affect equilibrium within these systems.

Students are encouraged to begin analyzing differing viewpoints on various ethical and scientific theories and critically evaluate their own points of view.

HUMANITIES AND SOCIAL SCIENCES

Learning Area – Humanities and Social Sciences

Changes confront students in a number of contexts – local, national, regional and global. These include increasing interdependence as a result of globalisation; the use and impact of new technologies; the dynamic nature of social, economic and political structures and relationships; the increasing demand for declining natural resources and the emergence of sustainable management practices; and the acquisition and application of new knowledge.

Students are encouraged to apply the understandings and skills developed in **History, Economics and Business, Civics and Citizenship and Geography** in their own lives, through developing environmental consciousness, social competence and civic responsibility. In doing so, they are engaged in actively exploring, making sense of and contributing to improving the world around them.

At KBCHS we are working towards full implementation of the Western Australian Outline and will be reporting using the Humanities and Social Sciences heading form 2016.

HEALTH EDUCATION

Health & Physical Education – Health

In semester one students will study the WACE accredited subject Keys for Life – Pre-Driver Education Program. They will enhance their skills, knowledge and critical thinking about road safety and be better prepared to be a safe and responsible road user.

In semester two, students study the Western Australian Curriculum where they will explain the impact of social and cultural influences on personal identity and health, safety and wellbeing, including stereotypes and gender, diversity and cultural differences. They will analyse media messages about health, and propose and evaluate interventions to improve individual and community health and wellbeing.

Students will also evaluate the impact of emotional responses on relationships and apply skills and strategies to promote respectful relationships, such as taking action to address disrespect or other inappropriate behaviour.

Units Studied:

- Becoming a Driver (phases, prerequisites and conditions of the WA Graduated Driving Training and Licensing System, rights and responsibilities, attitudes towards road safety, current laws)
- Road Safety Facts (road safety issues, statistics, attitudes towards road safety, impact and consequences of crashes)
- Why Crashes Happen (crash theory, characteristics of young people, speed, fatigue, Drink driving and restraints)
- Practise, Practise, Practise (importance of gaining extensive supervised driving)
- On the Road (applying knowledge and skills, responsibility, planning ahead, vehicle safety, insurance)

PHYSICAL EDUCATION

Health & Physical Education – Physical Activity

Students will have the opportunity to select, use and evaluate individual movement skills and sequences and implement tactics appropriate to the physical activity context, based on the outcome of previous performances. They will apply appropriate technique while performing skills that increase in complexity.

Students will also describe acceleration and force absorption in relation to physical activity and improving performance. They describe ways to measure hydration and perceived exertion in response to physical activity. Students demonstrate ethical behaviour in competitive contexts and apply skills and strategies to improve team performance.

Topics Offered:

- Athletics / Team Games
- Baseball
- Basketball
- Dodge ball Games
- Fitness
- Badminton
- Soccer
- Volleyball
- Active Lifestyles Program
- Student Lead Competition

CHOICE SUBJECTS

CERTIFICATE I IN AUTOMOTIVE (7010)

Technologies - Design & Technology

A new program to provide a learning environment where students can focus on developing industry standard skills in automotive technology whilst remaining enrolled at school. Students will study units of competencies that make up the Certificate I in Automotive Technology, involving completing a workplace journal that demonstrates how they apply employability skills in a simulated work environment. Successful completion of the course will provide students with a nationally recognised TAFE qualification and significant credit towards their year 12 secondary graduation requirements (WACE). Students will engage in the program in blocks of 2 hours with practical work involved around the automotive context – engines/mechanics/machines.

CERTIFICATE I IN ENGINEERING AND FURNISHING (7019) Technologies - Design & Technology

Our program provides a learning environment where students can focus on developing industry standard skills (metal or wood) whilst remaining enrolled at school. The centre is located off site (5 min walk) providing an authentic learning environment. Students will collect evidence towards 9 units of competencies that make up the Certificate I in Engineering & Certificate 1 in Furnishing and complete a workplace journal that demonstrate how they apply employability skills in a simulated work environment. Successful completion of the course will provide students with a nationally recognised TAFE qualification and significant credit towards their year 12 secondary graduation requirements (WACE). Students will engage in the program and walk independently to the centre and must be able to manage their time to ensure they are not late for scheduled classes.

CERTIFICATE II in MUSIC (5012)

The Arts – Performing Arts

Successful completion of this course (in Years 9 and 10) will provide students with a nationally accredited certificate. This certificate is recognised and contributes to secondary graduation (WACE).

Students will have had the opportunity to complete 3 units of competencies in year 9. The remaining 5 units of competencies covered in year 10 are:

- Develop music industry knowledge
- Develop Basic Technical Skills for Playing and Singing Music in an Ensemble
- Occupational Health and Safety in the Music Industry
- Working with others
- Set up and Pack up Musical Equipment

Students need to complete all 8 units to be awarded the full certificate. Part and full completion will provide credit towards year 12 secondary graduation (WACE).

While the focus in year 9 was on competency on one chosen instrument, the focus of the year 10 units is on working as a group to safely perform for an audience. Students will again be required to complete a practice and listening journal, perform on their chosen instrument in class and in Arts Night, keep a portfolio of their work, receive passing marks on online quizzes and a written exam and work as a member of a team to plan, set-up and pack-up for a mock performance.

Students will have access to an online information and video resource which will enable them to complete the written parts of the assessment pieces as well as give practical instruction for some necessary skills in the music industry.

Required skills/ experience

- Students who already have some musical experience will be better able to complete this Certificate. It is possible for students who have no prior music training to be successful in this course, however students must be willing to spend extra time working on developing their skills to reach a level such that they would be able to perform on their chosen instruments.

CERTIFICATE I in SPORT AND RECREATION (6610)

Physical Education

This qualification provides the skills and knowledge for an individual wishing to enter the sport and recreation industry in a generalist capacity. Likely functions for someone with this will qualification can include working in grounds and maintenance, a retail outlet, café or office located in fitness centres, outdoor sporting grounds or complexes or aquatic centres. All job roles are performed under supervision. This course contributes towards WACE Accreditation (Year 12 Graduation).

Units Studied:

- Provide first aid
- Respond to emergency situations
- Participate in workplace health and safety
- Work effectively in sport, fitness and recreation environments
- Perform basic water rescues
- Provide equipment for activities
- Assist with activity sessions
- Develop and update sport, fitness and recreation industry knowledge

Prerequisite skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of C Grade or above.
- Interest in the Sport & Recreation Industry such as Sport, Fitness, Sport Recreation and Outdoor Recreation
- Competent swimmer (Swim & Survive Level 7 or above)

CERTIFICATE I in Retail SIR10112

Learning Humanities and Social Sciences

In Certificate I in Retail course. Students will be required to find a work placement – paid or unpaid in a retail context for the entire year and maintain a logbook. Unpaid work experience in the retail sector can be completed during school hours. Paid work outside of school hours can also contribute. Should the entire qualification not be completed individual units may count towards their WACE and be linked to students via their USI's. This course is designed to provide students with the opportunity to participate in the retail sector in a meaningful way, the focus of this qualification is working in the retail sector and serving real customers.

CHILDREN, FAMILY & THE COMMUNITY (9016)

Technologies - Home Economics

This course introduces students to an understanding of how children grow and develop from conception to 5 years of age. Students will explore developmental stages and prepare activities to enhance learning. Toys, games, health and nutrition will be considered when planning and preparing for their own class of visiting children.

Students will get the opportunity to participate in the electronic baby program as part of their studies. 80% of the course will be theory based while the remainder will involve practical learning with young children. This course is good preparation for students wishing to study this subject in Year 11 & 12.

Topics Studied:

- Pregnancy & Childbirth
- Family Issues in Australia
- Childhood Issues
- Neonatal Issues
- The developing child – 0-5 years of age
- Child Care Centres and Facilities
- Food Habits of Children
- Practical Activities suitable to use with a child
- Electronic Babies
- Contraception

Recommended skills/experience:

- An interest in a future career in childcare, medicine or nursing
- Year 9 Families & Children

8014 - COMPUTER SCIENCE

Digital Technologies

This course offers opportunities for students to study the intricate workings of computer systems, identifying all the components that make a computer system operate. It will involve students physically building and repairing computer networks and systems. The course will also provide students with the opportunity to explore ways of producing new system software and programs.

Topics Studied:

- Application and System Software
- Hardware Devices
- Tools for building computer systems
- Digital Technology
- Graphic Design
- Design Briefs
- Computer Network Systems
- Resources required for building and repair maintenance to computer systems
- Fundamentals of Data Communications
- Robotic Systems

Recommended skills/experience

- Interest in maintaining or repairing computers systems (hardware and software).
- Background knowledge of computers and how they work.
- An interest in Computer Technician Work

DANCE (4111)

The Arts – Performing Arts

Students will be learning different genres of Dance focusing on Contemporary Dance. Choreography skills will be advanced and students will use these skills to prepare and present dance pieces for an audience. This course will provide sound grounding for studying Senior Schooling Dance courses.

Topics Studied:

- Hip Hop/Contemporary
- Alternative
- International dance
- Choreography skills
- Critical viewing of performances
- Writing dramatic reviews
- Journal writing
- Performance work

Recommended skills/experience:

- Completion of year 9 Dance with a 'C' grade.
- Demonstrated commitment to Dance in the community.

DRAMA (4211)

The Arts – Performing Arts

Students apply knowledge learnt through previous Drama studies to develop scripted and devised performances. Students will take part in whole class performance opportunities, and use a range of technologies to develop an understanding of backstage Design and Production. Students will develop advanced characterisation skills, and learn about a range of performance styles and genres.

Topics Studied:

- Individual & group devised shows
- Movement
- Character and voice
- Using appropriate technology
- Critical viewing and reviewing
- Journal writing
- Scriptwriting

FIBRE, FASHION & TEXTILE PRODUCTION (9015)

Technologies - Home Economics

Students will study topics related to the processes and production of textiles and fashion. There will be a focus on practical textile related activities. Fashion from around the world will be studied with relevance to new technologies. A subject that will benefit students wishing to further their education/careers in the fashion and textiles industry. 50% of the subject is practical based while the other 50% is gained from theoretical activities such as research assignments and design briefs.

Topics Studied:

- Textiles – the science of it
- Fashion Design
- Fashion Designers
- Textile Items
- Fashion Concepts
- Textile and Fashion Industry
- Fabrics, Yarns & Fibres
- Australian Wool Corporation Fashion
- Trends in Fashion Industry
- Personal Grooming & Etiquette
- Socialism & Fashion
- Fashion Business
- Fashion & Textile Marketing

Prerequisite skills/experience

- Year 8 or 9 Textile Studies
- An interest in a future career in the textile and fashion industry

FOOD SPECIALISATION (9012)

Technologies - Home Economics

Students will study topics related to the processes and production of foods. There will be a focus on practical food related activities. Foods from around the world will be studied with relevance to new technologies. A subject that will benefit students wishing to further their education/careers in the food science/food hospitality/tourism industry. 50% of the subject is practical based while the other 50% is gained from theoretical activities such as research assignments and design briefs.

Topics Studied:

- Food Properties & Chemistry – the science of it
- International Food Cookery
- Food Processing
- Nutrition & Diet
- Food Systems
- Food Industry
- Food Safety Standards
- Food Businesses
- Trends in Cooking
- Food Technology
- Fusion Foods
- The Social use of Foods - Hospitality
- Food Marketing & Sustainability
- Food Product Development

Prerequisite skills/experience

- Year 8 or 9 Food Studies
- An interest in a future career in the food or health industry

GOLDFIELDS FOOTBALL ACADEMY (2111)

The Goldfields Football Academy (GFA) is run by the Clontarf Foundation and works in partnership with KBCHS. All Aboriginal boys are eligible to apply and must demonstrate commitment to their educational programs, school activities and football training to maintain their position. The program aims to support students to remain engaged in learning and successfully transition from KBCHS into further education, training or employment. A key aspect of this work is developing employability skills and a sustained commitment to learning in the boys.

KALGOORLIE GIRLS ACADEMY (2112)

The Kalgoorlie Girls Academy (KGA) works in association with Role Models WA and KBCHS. All girls are eligible to apply. They must demonstrate a passion for basketball, commitment to their educational programs, school activities and maintain a high degree of attendance, punctuality and display appropriate levels of school conduct to maintain their position. The program aims to support students throughout their experience at KBCHS and successfully transition them into further education, training or employment. KGA students receive strong pastoral care by KGA staff through the mentoring and ongoing monitoring of their engagement and achievements in their learning programs

MULTI-MEDIA (4311)

The Arts - Media

This intensive, hands on unit is designed for students who have a keen interest in several forms of media. During this course, students will have the opportunity to study various media forms. There is great emphasis on teamwork and collaboration as all tasks are carried out to reflect a realistic and professional media environment. They will also be given the opportunity to design and distribute the schools yearbook.

Topics Studied:

- Music Video
- Film Trailer
- Photojournalism
- Film Production
- Script Writing
- Storyboard
- Adobe Premier Pro, Photoshop

MULTI-SPORT (6510)

Health & Physical Education – Physical Activity

Students will demonstrate movement skills, strategies and tactics for confident participation in physical activity at a 'Social Sport' level. Students apply self-management skills, analyse risks and benefits, and plan for achievement of personal and group physical activity goals. Students also select, apply and adjust interpersonal processes related to communication and cooperation skills. Students will be given opportunities to experience various sports, games, recreational activities and leisure pursuits with the aim of developing the skills necessary to make informed lifestyle decisions.

Some of the topics covered:

- European Handball
- Dodgeball Games
- Gridiron
- Floor Hockey
- Ultimate Frisbee
- League Tag
- Paintball (Modified)
- Table Tennis

Recommended skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of C Grade or above.
- Completion of Year 9 Multi-Sport with achievement of C Grade or above.

OUTDOOR EDUCATION

Health & Physical Education – Physical Activity

Students will develop their knowledge, skills and awareness to safely participate in a range of outdoor pursuits in the natural environment. Focus will be given towards environmental conditions and minimising human impact. Students will also be required to use Self-Management and Interpersonal Skills through a variety of team building activities and challenges. The course aims to culminate with an overnight camp to give students an opportunity to demonstrate and further extend their acquired skills.

Topics Studied:

- Trail Mountain Biking
- Dangers & Outdoor Safety
- Indigenous Culture
- Bush Survival
- Camp Cooking
- Minimal Impact
- Self Management Skills
- Interpersonal Skills
- Expedition Planning
- Team Building
- Problem Solving
- Overnight Camp

Recommended skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of C Grade or above.
- Interest and appreciation for the outdoors.

PHYSICAL RECREATION (6411)

Health & Physical Education – Physical Activity

Students will demonstrate movement skills, strategies and tactics for confident participation in physical activity. Students will modify specialised movement skills, strategies and tactics and apply them in response to changing conditions in physical activities. Students apply self-management skills, analyse risks and benefits, and plan for achievement of personal and group physical activity goals. Students also select, apply and adjust interpersonal processes related to communication and cooperation skills.

Students will be given opportunities to experience various sports, games, recreational activities and leisure pursuits with the aim of developing the skills necessary to make informed lifestyle decisions.

Topics Studied:

- Lawn Bowling
- Squash
- Golf
- Game Creation
- Fitness Classes
- Mountain Biking

Recommended skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of “B” Grade or above.
- Completion of Year 9 Physical Recreation with achievement of “B” Grade or above.
- Interest in the Sport & Recreation Industry such as Sport, Fitness, Sport Recreation and Outdoor Recreation
- Competent swimmer (Swim & Survive Level 7 or above)

PHYSICAL EDUCATION STUDIES (INVITATION ONLY)

HPE – Physical Activity

Physical Education Studies contributes to the development of students’ physical, social and emotional growth. Students learn about physiological, psychological, and biomechanical principles and apply these to analyse and improve personal and group performances in physical activities. Throughout the course, students learn through integrated written, oral and active learning experiences. The course also provides students with opportunities to develop skills that will enable them to pursue personal interests and potential in physical activity as athletes, coaches, officials, administrators and/or volunteers.

Topics Studied:

- Developing physical skills, strategies and tactics
- Motor learning and coaching
- Functional anatomy
- Biomechanics
- Exercise physiology
- Sports psychology
- Student Lead Competition

Prerequisite skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of B Grade or above.
- Interest in the Sport & Recreation Industry that requires Tertiary Qualification such as Sports Science, Sports Administrator and Health & Physical Education Teacher
- Competent sportsperson who regularly participates in sport in the Goldfields

VISUAL ART (4012)

The Arts – Visual Art

The Visual Arts course offers students the opportunity to express their individual ideas in a visual format. Students will learn a variety of art techniques and how to use a variety of mediums ranging from creating artworks for exhibition to creative design pieces, in both two and three dimensions. Students will be encouraged to display their art work within the community and at Arts Night.

Topics Studied:

- Graphic Illustration
- Lino printing
- Clay Sculpture
- Art Theory
- Painting
- Printing
- Self-evaluation

WOOD AND METAL PRODUCTION (7014)

T&E - Design & Technology

Students will broaden their knowledge, processes and practical skills in a variety of D&T contexts. Students are encouraged to develop, design and use problem solving techniques to complete the set work. Students will refine their manipulative skills in combining the use of materials from the metal, wood, technical drawing, engineering and mechanical technologies. 50 % of the course will be of a written nature via research assignments and design briefs, while the remaining 50% will be practical based.

Topics Studied selected from:

- Wood Working Constructions – Furniture Pieces, Personal Items
- Building and Construction Techniques
- Industry Safety Standards
- Metals Technology
- Mechanical Technology
- Plastic Technology
- Engineering Concepts
- Design Briefs
- Producing Products for Competitions
- Robotic Concepts
- Electrical Technologies
- Product Development

Recommended skills/experience:

- Demonstrated ability to practice safe working practices.
- An interest and a future career in a Design & Technology Industry.
- At least one year 8&9 D&T subject.
- An interest in entering practical products for competitions.

WORK STUDIES –

This is a future-focused course which provides students with the opportunity to begin preparing to make the transition to their post-school lives. These decisions are vitally important for students to move successfully from school to further education, training, employment and participation in the community. Learning programs align with National Curriculum, investigate the merits of future pathways and develop a personal portfolio. AT KBCHS we also align this course with the Australian Blueprint for Career Development and the Core Skills Framework.

Workplace Learning ADWPL (2110)

Students have the opportunity to engage in workplace experience organised by the student with school support. These students are required to complete up to 110 hours of work experience (paid or unpaid), a logbook and their skills journal. This course is opt-in with SSC support and is not timetabled. Students who wish to have regular support and guidance are strongly advised to enrol in Work Studies **or** Certificate I in Retail for the entire year during year 10. Students are responsible for catching up on any missed work if they attend work experience 1 day per week instead of classes. This course is a senior school endorsed program and attracts up to 2 WACE points.

COUNTRY WEEK SPORT PRACTICE

Health & Physical Education – Physical Activity

Semester 1: Choice of: VOLLEYBALL and SOCCER and TOUCH RUGBY and BASKETBALL and NETBALL (Boys & Girls)

Students will try out in their selected sport to represent the school in a state wide sporting competition (Country Week). Regardless of their position in the Team, students will develop advanced performance skills and game strategies through their involvement in a variety of drill-centred training sessions and game-based competitions. Students will be required to participate in all aspects of the course and if they are successful in making the representative team they will also need to meet attendance, conduct and financial requirements for their continued inclusion in the Country Week excursion.

Topics Studied:

- Fitness Training
- Skill Development
- Preparation Techniques
- Game Based Competitions
- Strategies and Tactics
- Team Work
- Rules & Etiquette
- Captaining & Leading

Prerequisite skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of C Grade or above.
- Interest in the Specialised Sport and aspiration to achieve at a high level.
- Competent sportsperson who regularly participates in sport in the Goldfields.

SEMESTER 2

BRONZE MEDALLION

The aim of this course is to develop the level of knowledge, judgement, technique and physical ability required to carry out sea water rescues. Holders of this award are recognised as having gained a minimum standard as a qualified lifesaver.

Topics covered:

- Safe Water Practices
- Survival in the Water
- Self-preservation in Rescues
- Recognising an Emergency
- Priorities for Rescue
- CPR
- Acceptance of Responsibility
- Use of Bystanders
- Emergency Care
- Contacting Emergency Services

Recommended skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of "B" Grade or above.
- Completion of Year 9 Bronze Star
- Competent swimmer (Swim & Survive Level 7 or above)

PROVIDE FIRST AID

Students will enhance their knowledge, skills and positive attitudes about First Aid and be better prepared for providing initial care to casualties. The program will provide students with information, competencies and strategies to become a skilled First Aider.

Topics Studied:

- Basic Life Support
- Resuscitation
- Wounds and Bleeding
- Abdominal, Pelvis and Chest Injuries
- Head Neck and Spinal Injuries
- Shock
- Ear and Facial Injuries
- Sprains, Strains, Dislocations and Fractures

FITNESS

The aim of this course is to develop students' knowledge and understanding of fitness, what are the different components, how to measure fitness levels and what individuals can do to improve. Students will through active participation in a range of training methods.

Topics covered:

- Fitness Components
- Measuring Fitness
- Gym Classes
- Strength Training
- Cardio Training
- Flexibility

Recommended skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of "C" Grade or above.
- Interest and passion in maintaining an active healthy lifestyle and improving fitness levels.

TRIATHLON

Students will be actively involved in triathlon training sessions across all three disciplines as well as races. Students will look at how to prepare the body physically to compete in a triathlon event and explore a range of racing tactics and strategies.

Topics covered:

- Swimming Training
- Cycling Training
- Running Training
- Strategies and Tactics
- Rules and Etiquette

Recommended skills/experience:

- Completion of Year 9 Health and Physical Education with achievement of "C" Grade or above.
- Interest and passion in maintaining an active healthy lifestyle and improving fitness levels.