



Year 10 Course Information & Subject Selections

Year 10 represents a crucial stage in each student's education at Merredin College. This year bridges lower and senior secondary schooling, helping students consolidate foundational skills while preparing for pathways in Years 11 and 12 — whether ATAR, General, VET, or Foundation. Our programs are designed to promote academic rigour, independent learning, and future readiness. Students are encouraged to make thoughtful and informed subject choices aligned with their interests, strengths, and career aspirations.

How to Choose Your Subjects:

1. Read each subject description carefully.
2. Discuss options with teachers, Year Coordinators, or the Careers Advisor.
3. Consult parents or guardians for guidance.
4. Complete the Subject Selection Form and return it by **Friday, 7 November 2025** to Student Services.

YEAR 10 CORE SUBJECTS

English

Students sharpen their analytical and creative skills through the study of novels, plays, poetry, film, and media. They explore how language and structure shape meaning, perspective, and audience impact. Writing tasks refine their ability to argue, analyse, and create with precision, while oral presentations build confidence and clarity. This course prepares students for senior pathways in English, Literature, and Media Production and Analysis.

Mathematics

Students strengthen their reasoning and problem-solving skills across Number and Algebra, Measurement and Geometry, and Statistics and Probability. They apply logic and analysis to tackle real-world challenges while exploring topics such as algebraic modelling, trigonometry, and data analysis. The course builds confidence in abstract thinking and prepares students for senior pathways in Mathematics Essentials, Applications, and Methods.

Science

Students explore key concepts in Biological, Chemical, Physical, and Earth and Space Sciences through hands-on experiments and investigations. They apply the scientific method to study topics such as genetics, chemical reactions, energy systems, and motion. The course encourages curiosity, critical thinking, and real-world application of scientific ideas, building a strong foundation for senior studies in Biology, Chemistry, Physics, and Human Biology.

Centre of Resource Excellence (CoRE) – Students apply for this program

The CoRE program combines STEM learning with real-world industry experience in energy, mining, and sustainability. Students explore engineering design, renewable technologies, and geological systems while working collaboratively to solve authentic challenges. Industry partnerships bring science and technology to life through inquiry, data analysis, and innovation. This program provides a strong pathway to senior CoRE, Earth and Environmental Science, and Engineering Studies.

Humanities and Social Sciences (HASS)

Students investigate the people, events, and ideas that have shaped the modern world. Through History, Geography, Civics and Citizenship, and Economics and Business, they explore topics such as World War II, human rights, globalisation, and Australia's place in the world. The course builds inquiry, analysis, and critical thinking skills, preparing students for senior studies in Modern History, Geography, and Career and Enterprise.

Health Education

Students analyse factors that influence personal and community wellbeing. They explore mental health, respectful relationships, decision-making, and strategies to support physical, emotional, and social health. Emphasis is placed on health literacy, communication, and self-management to promote lifelong wellbeing.

Physical Education

Students develop advanced skills, fitness, and teamwork through a variety of sports and physical activities. They apply biomechanical and physiological principles to improve performance and understand how fitness and health are connected. The course also promotes leadership, fair play, and effective training methods. It provides an excellent foundation for senior Physical Education Studies and sport-related pathways.

YEAR 10 ELECTIVES

Students select three electives per semester from Science, Technologies, The Arts, or Health and Physical Education.

Science	Sport Science Students step into the world of elite performance, discovering how the body powers movement and athletic success. They explore anatomy, biomechanics, nutrition, and sports psychology to unlock what makes athletes faster, stronger, and more efficient. Through hands-on testing, digital performance analysis, and real-world investigations, students apply science to sport in exciting, practical ways. This fast-paced course is perfect for those passionate about fitness, performance, and pathways in sport and health sciences.
Technologies	Home Economics Students get creative in the kitchen and design room, exploring food, nutrition, and textiles through hands-on projects. They plan, make, and evaluate their own products while applying safe, sustainable, and ethical practices. The course blends practical skills with design thinking, covering topics like food science, consumer choices, and style. It's an engaging foundation for senior pathways in Food Science and Technology, Children, Family and the Community, and Textiles. Information Technology Students become digital creators, developing coding, design, and problem-solving skills to build real-world solutions. They explore programming, data visualisation, and cybersecurity while using industry tools to design and manage digital systems. Collaboration and innovation are at the heart of this course, which provides a strong foundation for senior pathways in Applied Information Technology. Materials Design and Technology – Woodwork and Technical Engineering (SIDE) Students combine creativity and innovation as they design and build timber and engineering-based projects. Using technical drawings, CAD modelling, and workshop machinery, they plan, construct, and test functional products with precision and skill. The course blends design thinking with practical engineering principles, developing problem-solving, accuracy, and sustainability awareness. It provides a strong foundation for senior Materials Design and Technology (Wood), Engineering Studies, and trade-based pathways.

The Arts	Dance Students take their performance skills to the next level, exploring a range of dance styles and creating original choreography. They use movement, expression, and technology to bring their ideas to life on stage. With studies in anatomy and performance analysis, students refine technique and stage presence. This energetic course builds creativity, confidence, and prepares dancers for senior Dance pathways. Drama Students bring stories to life through acting, directing, and stage production. They explore Australian and world theatre, experiment with dramatic conventions, and create original performances. The course builds creativity, confidence, and teamwork while developing voice, movement, and stagecraft skills. With reflection and analysis at its core, students gain valuable communication and performance experience for senior Drama and Media pathways. Visual Art Students explore creative expression through drawing, painting, printmaking, sculpture, and digital media. They investigate how artists communicate meaning and apply visual language in their own works. Students maintain a visual diary to plan, experiment, and evaluate creative processes. This course provides a foundation for senior Visual Arts or Design pathways.
Health and Physical Education	Advanced Sport Science Students push their performance to new levels through a mix of practical training and sports science theory. They explore biomechanics, anatomy, physiology, and nutrition while applying training principles to boost athletic ability. Leadership and officiating opportunities help build teamwork, confidence, and responsibility. This energetic course is ideal for students pursuing senior Physical Education Studies or Certificate II in Sport and Recreation. Basketball Specialist Students refine high-level basketball skills through specialised coaching and fitness programs. The course includes tactical analysis, biomechanics, and conditioning to enhance performance. Students learn leadership, goal-setting, and sports psychology, preparing them for interschool competitions and senior Physical Education Studies. Football Development Program Students extend their technical and tactical skills in Australian Rules Football through training, gameplay, and sports science integration. They examine anatomy, nutrition, and conditioning to support performance and injury prevention. The course builds teamwork, discipline, and leadership, providing a pathway to senior Physical Education Studies or VET Sport Coaching.

Health and Fitness

Students investigate the relationship between physical activity, nutrition, and overall wellbeing. They engage in resistance, cardio, and circuit training to improve personal fitness. Theoretical studies include body systems, training principles, and mental health awareness. This course supports pathways in Health, Physical Education Studies, and Fitness training.

Introduction to Physical Education Studies

Students dive into the science of movement and performance, exploring anatomy, physiology, biomechanics, and motor learning. They discover how the body functions during physical activity and apply this knowledge to enhance skills across a range of sports. Practical lessons focus on technique, analysis, and teamwork, while theory connects to real-world performance. This course lays a strong foundation for success in ATAR or General Physical Education Studies in Years 11 and 12.

Outdoor Education

Students develop resilience, leadership, and environmental awareness through outdoor and adventure experiences such as navigation, camping, and expedition planning. They learn about risk management, environmental sustainability, and group dynamics. This course provides a pathway to senior Outdoor Education and Environmental Science.

Physical Recreation

Students participate in recreational activities designed to promote lifelong physical activity and enjoyment. They explore fitness, inclusivity, and community engagement while developing teamwork and leadership. Emphasis is placed on participation and wellbeing over competition. This course supports pathways in community recreation and Certificate II in Sport and Recreation.