



Edge courses available: Term 3, 2017

Edge Course: Pop Up Shop **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Have you ever dreamed of being your own boss? Work collaboratively to design, implement and evaluate a business opportunity of your own. Make changes to encourage self-evaluation and success. This business will be supported by teachers, lead and developed by students from inception to active trading.

Skills Taught: Entrepreneurship, innovation, collaboration, leadership, mentoring, personal development, analysis, marketing, decision-making, research, goal setting, positive habits and attitudes, networking, self-motivation, self-esteem.

Edge Course: TED-Ed **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Many of us are big fans of TED Talks! TED presenters weave together stories and information skilfully to engage their audiences. Their delivery is natural yet their ideas are compelling. It's now official FCAC has its very own TED-Ed Club where you will be supported in identifying, cultivating and presenting your big ideas in the form of short TED-style talks. This program prepares you to publicly present your own TED-Ed Talk on any subject you are passionate about. The aim is for you to feel confident articulating your ideas and delivering a powerful and poignant presentation. You will be able to publicly present your talk and publish it to YouTube and the TED-Ed Club forum.

Skills Taught: 21st Century presentation skills, ICTs, researching, developing ideas, confidence, communication, self-esteem

Edge Course: CREST Science **Year Levels:** 7-10 **Duration:** 1 Term

Course Overview: Advanced CREativity in Science and Technology (CREST) is a non-competitive awards program supporting and engaging students to design and carry out their own open-ended science investigation or technology project. CREST enables students to develop an appreciation of science and technology investigations and can inspire students to take up further studies in science and engineering. A range of support material is available to help introduce and support open-ended work.

Skills Taught: CREST focuses on the Science Inquiry Skills content descriptors of the Australian Curriculum: Science, as well as aligning with various other content descriptors of Science as a Human Endeavour and Science Understanding strands.



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Edge Course: Advanced Mathematics **Year Levels:** 7-8 **Duration:** 1 Term

Overview: Do you love thinking outside the square and being challenged in the areas of Mathematics and Problem Solving? Do you want to learn strategies to give you success in the Olympiads and Competitions that we offer at FCAC and also have a chance to work with people that love Mathematics too? When you hear the word Algebra are you excited? This option will include excursions, maths and artwork, guest speakers, real-life problems to solve, and much more!

Skills Taught: Problem solving, teamwork, perseverance, research, higher order thinking, real-world applications for Mathematics.

Edge Course: STEM Challenge **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Participating in the STEM (Science, Technology, Engineering and Mathematics) Challenge will involve completing STEM challenges and developing skills across the STEM areas. It will include research on the optimal way to design a structure be it a water tower, bridge, chair or even an environmentally friendly home. Then you will actually build the model!

Skills Taught: Problem solving, teamwork, perseverance, research, higher order thinking, coding, design, engineering, realworld applications for STEM.

Edge Course: I Made It - Cards and Gift Tags **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Make your family and friends feel extra special by hand-making cards and gift tags from a range of gorgeous papers and decorative trimmings. You'll be shown all the tips from an expert card maker, who loves teaching others how to bring out their own creative talents. If you like using your hands to peel, stick, glue, cut, paper punch and draw then you'll enjoy learning new creative skills. All materials are supplied over the lessons and you'll take home a range of beautiful themed cards and gift tags for all occasions. It could be the start of a new hobby or online money making venture. Handcrafted cards and gift tags are the new trend to show loved ones how much you care.

Skills Taught: Creativity, collaboration, communication, self-confidence, personal development and entrepreneurship.

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Edge Course: Chasing the Classics **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Do you love reading? Are you someone who would love the opportunity to discuss the great moments in literature over the past two centuries? Would you love the opportunity to hone your creative writing skills? Within the unit Chasing the Classics, students will encounter a variety of credible literary texts and will be exposed to a variety of approaches to reading using literary lenses. Students are welcome to choose texts based on thematic pathways and their own interests. This course is designed to stretch students to develop an appreciation of how different authors have investigated human life and human experience.

Skills Taught: Critical thinking, collaboration, reading for meaning - literary lenses, creative writing skills, role-play and higher

Edge Course: Personal Physical Challenge **Year Levels:** 7-10 **Duration:** 1 Term

Overview: In this course, students will have the opportunity to set a physical goal they would like to achieve. This may be a short or long term achievement. For example, complete a half marathon or 10km fun run, obstacle race, complete 50 push-ups, improve their agility or other fitness area, improve or learn a new skill etc. You will devise a plan to help you achieve your goal and work towards the goal through specific training methods.

Skills Taught: Physical Education, goal setting, methods and principles of training, project management, leadership, time management, resilience and persistence.

Edge Course: Code Club - Video Game Challenge **Year Levels:** 7-10 **Duration:** 1 Term

Overview: This term in Code Club, students will be focused on developing a solution for the 2017 STEM Video Game Challenge being run by ACER (www.stemgames.org.au) in which they may choose to utilize programs such as Scratch, Unity or any other free or free for education programming environment.

Skills Taught: Programming has explicit links to mathematics and language skills, as well as providing opportunities for students to develop and refine their abilities in the areas of problem solving, collaboration and resilience.



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Edge Course: Short Film Festival **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Are you a Steven Spielberg, Alfred Hitchcock or Quentin Tarantino just waiting to burst onto the movie scene? Maybe a Kirsten Dunst, Chris Hemsworth or Jennifer Lawrence? Look no further, this may be the course for you. In this program you will compile a title and a story board as well as consider lighting, voice, and sound. The course will also involve acting, shooting a movie, directing, editing, advertising and producing a final cut. The final presentation will be a red carpet oscars-type event at a venue near you.

Skills Taught: Film making, ICT skills, multimedia, creativity, collaboration, innovation, communication, acting, editing, directing.

Edge Course: Music Maker **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Want to rock out and jam, dudes and dudesses? Here's your chance - during these sessions you will choose the music, bring your instruments and voice and we will rock to jams you choose.

Skills Taught: Specific music and vocal skills designed to improve your techniques and boost your creativity.

Edge Course: Tech Challenge **Year Levels:** 10 **Duration:** 1 Year

Overview: Fraser Coast Anglican College has a long and proud history of competing in the Human Powered Vehicle Race at the annual Maryborough Technology Challenge. For many of our students it is a rite of passage to participate in this gruelling 24 hour event. This course of study will provide students interested in participating in the 2017 Challenge an opportunity to start their preparation early. With teachers supervision, students participate in a Design/Make/Appraise process of preparing a HPV.

Skills Taught: Students involved in this event will get experience with a applying range of practical skills to a variety of materials, as well as physical training with the HPV.



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Edge Course: School Sculpture Project **Year Levels:** 7-10 **Duration:** 1 Term

Overview: EDGE students in this course will participate in a clay based sculpture project. This project explores how we can make art that interacts with our environment. Our school sculpture project will be presented in our own campus. Students will learn a variety clay skills and techniques in a collaborative environment.

Skills Taught: Creativity, collaboration, communication, community mindedness as well as specific clay skills and techniques.

Edge Course: Survivor - Board Game Competition **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Are you ready for a 'Survivor' games battle based on your favourite board games? Sharpen up your board game tactics in this epic competition. Every week, work your way through a range of family fun favourites such as Scramble, Monopoly, Barrel of Monkeys, Twister, The Logo Game, Upwords, Kerplunk etc. Some games require skill others are just for fun and trying your best. Survivor...outwit, outplay, outlast!

Skills Taught: Problem solving, teamwork, perseverance, communication, self-confidence and resilience.

Edge Course: Exploring Design Technology **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Do you have an eye for design? In this course you will be able to explore your passion across the Design Technology spheres. Whether it be exploring how the Internet of Things works, utilising your creative edge in 3D printing, programming drones, or getting to grips with your practical side in the workshop, this is the course for you. This course offers open-ended opportunities to put you in the driver's seat and help you develop your design skills.

Skills Taught: Design thinking, creativity, innovation, problem solving, construction, coding and collaboration.

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Edge Course: Sewing Challenge **Year Levels:** 7-10 **Duration:** 1 Term

Overview: Learn how to use a sewing machine. Learn a variety of techniques and features that can be used to embellish articles. Once mastered use these skills to participate in Project Linus. A non-profit organisation which provides homemade quilts to children in need. They are to provide a sense of security, warmth and comfort to children who are seriously ill, traumatised or in need. It provides a rewarding and fun service opportunity for individuals and groups.

Skills Taught: Creativity, community mindedness, teamwork, measurement skills, communication.



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