COFFS HARBOUR HIGH SCHOOL

Year 10  100 hour Courses  2014

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ADVANCED SCIENCE – 100 hours

KEY LEARNING AREA: Science

COURSE AIMS:
Science is a diverse subject area that attempts to explain the world around you. This elective is based on Project Based Learning. Students will complete a range of open-ended first-hand investigations in this course that are designed to improve student’s understanding of the scientific method. A number of field studies will lead to the development of student projects that will each involve a range of problem solving skills. This elective is designed for motivated students who are interested in selecting an HSC Science course.

Students will:

- Complete a range of first hand Investigations
- Become more familiar with collecting, analysing and interpreting data scientifically
- Learn about recent advances in scientific technologies
- Improve scientific report writing

TOPICS IN COURSE:

- **Biology:**
  - Bio-indicators and pollution, distribution and abundance studies, migratory patterns and local fauna, and the light microscope.

- **Earth and Environmental Science:**
  - Environmental monitoring, sustainability, introduced species.

- **Chemistry:**
  - Titrations, organic chemistry, calorimetry, wetland health and chemical monitoring

- **Physics:**
  - Engineering challenges, Astronomical wonders, modern applications and exploring cutting edge physics research and discoveries

- **Medical Science:**
  - Basic anatomy and physiology, dissections, medical technologies, diseases, medical science careers and special guest speakers.

SUBJECT FEES: $20

CONTACT PERSON: Mr Mackay
DESIGN AND TECHNOLOGY – COFFEE SHOP - 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS:
Students will gain practical skills and experience working with foods suitable for coffee shops and special occasions. This will be achieved by:

- Participating in practical activities
- Planning and developing foods suitable for serving in a “Coffee Shop”
- Serving beverages for morning teas

TOPICS IN COURSE:
Students will be covering.

- Choosing and making suitable foods.
- Costing out recipes and planning.
- Using the coffee machine.
- Presenting food and food photography

SUBJECT FEES: $60
Covers all components and materials required for the year. Students will also need to have sturdy covered shoes, apron, tea towel and container to participate in practical lessons.

CONTACT PERSON: Mrs D Alchin / Mrs J South
DOING BUSINESS WITH ASIA - 100 hours

KEY LEARNING AREAS: Human Society and Its Environment and Languages

“As Australian people and companies continue to enter and engage with emerging markets in Asia, it’s vital that they understand the region’s practices”. A Statement made by Professor Lu from the University of Melbourne. This is true for astute students who want to enhance their understanding of “Doing Business with Asia”.

COURSE AIMS:
This course aims to provide a platform for students to acquire and sharpen their understanding and expand their knowledge of doing business in a region that is intertwined with Australia’s future. Chinese is the language of communication of approximately one quarter of the world’s population. It is one of the official languages of the United Nations. Chinese is recognised as one of the fastest growing languages in New South Wales and has one of the largest groups of non-English background speakers in Australia. China has a significant profile in economic, political and cultural developments, both globally and in particular, in the Asia-Pacific region. Australia has a strong connection through trade, political and cultural contacts with both the People’s Republic of China and other nations where Chinese communities are important contributors to their growth and diversity.

Students will learn to make Business and linguistic connections between Australia and Asia, with a focus on Chinese language skills as well as learn about Chinese business culture in its various forms.

COURSE HOURS: 60% Business and Culture, 40% Asian Language and Customs

TOPICS COVERED:
- Our Economy: Focusing on an Asian case study
- Asian Culture with a business focus
- Chinese language (The basics for doing Business)
- Cultural expectations while doing business
- Business language and understanding
- Business case study focusing on business in Asia

Optional Topics: A selection of topics from the following list -
- Global Links with Asia
- Australia’s Political Relations with Asia
- Travel in Asia
- Running a Small Business

SUBJECT FEES: There are NO subject fees for this course

CONTACT PERSON: This course will be co-taught by Mr Mellalieu for the business content and Mrs Burnham for the language and cultural content. Both teachers are available to answer any questions that you may have about this course.

To find out how being Asia literate can help with your career, go to: www.asiaeducation.edu.au
Click on “teachers”
Select “AEF videos”
Select “Asia Skills” (twice)
View “Asia skills: A taster”
DRAMA - 100 hours

KEY LEARNING AREA: Creative and Performing Arts

COURSE AIMS:
Drama is the study of humanity - through enacting characters; we try to find out why we do what we do! Drama is fun, creative and imaginative. It is a good choice for boys because it is active and experiential. Year 10 students will have the opportunity to produce their own end of year play. Students will:

- make drama that explores a range of imagined and created situations in a collaborative drama and theatre environment
- perform devised and scripted drama using a variety of performance techniques, dramatic forms and theatrical conventions to engage an audience
- appreciate the meaning and function of drama and theatre in reflecting aspects of the human experience

TOPICS IN COURSE:
- The elements of drama
- The Actor’s Tools – Breath, body and voice
- Improvisation and playbuilding
- Physical theatre, mime and mask work
- Excursions to see professional productions of plays
- Interschool competitions, workshops and Drama Camps
- Production and design skills such as set, lighting, costumes, advertising.

SUBJECT FEES: $40 (includes Drama T shirt)

CONTACT PERSON: Ms Hair
FOOD, FOOD, FOOD – 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS:
Students will gain practical skills in designing, producing and displaying food for specific purposes.
This will be achieved by:
  • Participating in practical activities
  • Designing solutions for specific food purposes
  • Researching and preparing foods from other cultures

TOPICS IN COURSE:
Students will be covering:
  • Food presentation and photography
  • New food product development
  • Celebrating with food

SUBJECT FEES: $60

CONTACT PERSON: Mrs N McKee
FUNKY TEXTILE ARTS – 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS:
Textile Arts enables students to develop:
- creativity thinking
- designing skills
- manipulative skills
- proficiency using and selecting creative textile mediums to create Textile Artworks

TOPICS IN COURSE:
Creative fabric decoration such as freehand machine embroidery, felted shape making, fabric dyeing and silk painting, beading and digital printing. Associated theory will relate to principles and elements of design relating to textile arts. Students will create a recycled outfit to wear in ‘On Show’, shaped bowl, scarf, beach wrap and a wall hanging using the creative textile art techniques they have experimented with.

The practical component will make up 80% of the course.

SUBJECT FEES: $60 year

CONTACT PERSON: Mrs J Martin
“GET YOUR FEET WET” SALT & FRESH – 100 hours

KEY LEARNING AREA: Human Society and Its Environment

COURSE AIMS:
This elective will focus on the study of Water. This will encompass two main sections: Salt and Fresh.

- **Salt** will look at the study of Oceanography and will complement the Marine Science elective with a focus on the features and importance of the world’s oceans and issues associated with them.
- **Fresh** will do an in depth study of our local creek and river systems, Coffs Creek, the Bellinger, Orara and Nymboida Rivers.

It is envisaged that this course will include a large practical component, involving a lot of fieldwork that will give the students direct interaction with the natural environment. Field work will take a number of forms including: canoe surveys of riverbank ecology and health; ‘Waterwatch’ activities measuring water quality; topographic-map orienteering and GIS mapping.

In addition students will need to take an active citizenship role in getting involved in either Dunecare or Landcare projects, regenerating and maintaining a section of native vegetation within the local catchment area.

Guest presenters/ instructors from relevant agencies will also provide a link to jobs in this field, for example NPWS, CMA, CHCC.

**SUBJECT FEES:** $40

**CONTACT PERSON:** Mr A Core
GIRL POWER: STRENGTHENING OUR VIEW ON WOMEN - 100 hours

KEY LEARNING AREA: Personal Development, Health and Physical Education

COURSE AIMS:
The aim of Girl Power is to empower female students to make a positive contribution within the school environment. Students will participate in a variety of activities that will develop their personal skills and allow them to improve their relationship with their peers, all while having as much FUN as possible.

TOPICS IN COURSE:
Students will engage in a variety of activities that may include:
Hair and beauty short course, girl fit, Job interview techniques, Mental health topics, Leadership skills, Personal fitness, Personal hygiene, Belly dancing, Incorporating SWAP for a bit of work experience, Effective communication skills, Building self-esteem and resilience, Peer support with younger girls, Positive relationships, Volunteering in the community, Anti bullying, Rock & Water, Projects to develop positive school culture

SUBJECT FEES: $0 (up front) – However there will be ongoing costs associated with attending outside activities or presentations $3-10 depending on activities chosen.

Please note: Students wishing to choose this elective are required to wear the NEW Coffs Harbour High School Sports Uniform each lesson.

CONTACT PERSON: Mrs J Pearce
INDUSTRIAL TECHNOLOGY – ELECTRONICS - 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS:
Students will gain practical skills and a basic knowledge of electronic circuits. They will also learn new construction techniques and skills.
This will be achieved by:
- Constructing a number of electronic circuits using electronic components and tools.
- Housing these circuits using wood, metal and plastic.
- Constructing interesting and functional projects.
- Designing housing hardware and creating it with the 3D Printer.
- Elementary theory work.

TOPICS IN COURSE:
Students will construct six introductory projects using a ‘bread-boarding’ technique. Projects will then be constructed using a ‘Vero-board’ and then Printed Circuit Board construction. Advanced projects include ‘Mine-field Game’ and ‘Electronic Door Bell’ the major project is the Mechatronic Combination Safe. More advanced students may be able to construct additional (free choice) projects at their own cost. We will also use the new 3D printer to create hardware for projects.
This course is suitable for all students, especially:
- Students who have studied Electronics in Year 9.
- Students who have not studied Electronics before BUT are prepared to ‘have a go’.

SUBJECT FEES: $60 This fee covers all components and materials required for the year (except for free choice projects)

CONTACT PERSON: Mr G Lyne
INDUSTRIAL TECHNOLOGY – WONDERFUL WOOD - 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS: Emphasis is placed on the enjoyment of shaping timber to produce a functional tool or ornament.

TOPICS IN COURSE: Students learn about the structure and properties of wood and the products available to highlight the colour and grain of various timbers during the construction of their projects.

Students may construct carved animals, a wall mirror, puzzles etc.

SUBJECT FEES: $40

CONTACT PERSON: Mr D Dowler
INFORMATION TECHNOLOGY – CERTIFICATE I IN INFORMATION TECHNOLOGY (ICA10105) – 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS: To develop computing skills in the students and allow them to gain an AQF VET qualification

TOPICS IN COURSE:
Students will be covering.

- Operate a personal computer.
- Operate a word processing application.
- Send and retrieve information using web browsers and e-mail.
- Operate a spreadsheet application
- Operate a database application
- Operate a presentation package

SUBJECT FEES: There are NO subject fees for this course

CONTACT PERSON: Mrs J South
‘LET’S GET CREATIVE’ - 100 hours

KEY LEARNING AREA: English and ICT

COURSE AIMS:
- For students to experiment with different forms of creative expression including short stories, poetry, digital stories, picture books and graphic novels, web sites, blogs, drama scripts and films
- For students to share and publish their compositions to a variety of audiences including on-line and through entering competitions
- For students to extend their literacy and ICT skills through creative expression
- For students to build their creative thinking skills
- To introduce students to the types of projects they could choose to do in Extension English in Year 11 and 12

TOPICS IN COURSE:
In Term One all students will complete a variety of creative written texts including short stories, poetry and drama scripts. The group will look at where to find inspiration and how to use different language forms, structures and features to effectively bring their stories to life. Students will choose their best pieces to be published into a hard cover anthology. Copies will also be placed into the library for other students to read.

In Term Two, students will be given opportunities to create picture books, digital stories and/or graphic novels. The group will look at how visual images and techniques can extend and support the written word. Students will choose a project to complete. Possible projects could include creating picture books for use in the local primary school, creating a series of online stories to share on a website and writing a graphic interpretation of a text being studied within the school.

Term Three will look at how we can effectively express opinions in a powerful and persuasive manner. Students will look at magazines, newspapers, speeches, blogs, documentaries and multimedia presentations and how the power of language can sway audiences to a certain point of view. Again, students will develop a project around one or more of the forms examined to complete and share beyond the classroom.

Term Four will be a special interest project that will be completely driven by the students. They may work individually or in pairs to develop a creative composition in any form or medium that they choose. The teacher will be their guide and mentor to help ensure the successful completion of their creation ready to share with the rest of the group.

SUBJECT FEES: $40 (includes a copy of the group’s published anthology)

CONTACT PERSON: Mrs P Madigan
MAD MONEY WITH MR M - 100 hours

KEY LEARNING AREA: Human Society and Its Environment

COURSE AIMS:
In this course students can be imaginative, inventive, innovative and creative in managing and investing money looking at scam and consumer behaviour in Australia and around the world.

Skills will be developed in:
- Understanding financial information
- research and planning
- creativity and design
- computer projects and presentation
- role plays
- product marketing
- evaluating decisions

TOPICS IN COURSE:
1. ASX share gaming - Investing
2. Promoting and Selling products
3. E-Commerce and Scams
4. Budgets and Contracts
5. Running a small business – major project

CONTACT PERSON: Mr J Mellalieu
MOVIE MAKING FOR FUN - 100 hours

KEY LEARNING AREA: Technological and Applied Studies

COURSE AIMS:
- To introduce students to the creative and functional use of digital movie making across a variety of platforms and formats
- To provide students with the skills and knowledge to allow them to create, edit, and publish innovative digital movies
- To give students the skills required to use hardware to create movies using applications such as Movie Maker
- To experience a variety of camera types and formats including Flip Video Cameras, HD video, waterproof devices, Phone based cameras, and other digital capturing devices
- To examine Android movie making and editing software applications

TOPICS IN COURSE:
All budding Steven Spielberg’s will have lots of opportunities to use a wide variety of devices in a number of creative and innovative movie projects.

This is a hand-on, practical course where students will create content in each lesson with minimal theory. Students will plan, shoot, edit, and publish lots of different film projects including:
- Creating creative YouTube content using phones and tablets
- Using iMovie and other software to enhance movies
- Using waterproof video cameras.
- Document school events.

SUBJECT FEES: There are **NO** subject fees for this course

CONTACT PERSON: Mr Shaun Hardy
PAINTING AS AN ARTFORM - 100 hours

KEY LEARNING AREA: Creative and Performing Arts

COURSE AIMS:
Through the making and studying of art works this course will develop the students visual awareness and communication skills through investigation, observation, imagination, interpretation and evaluation in response to his/her environment.

The course is designed as an extension to the Visual Art and Visual Design course or anybody who has an interest in painting.

ARTMAKING:
Students will create paintings using a variety of painting mediums and techniques. This will include:

- watercolours
- oils
- acrylics
- painting on board, paper and canvas,
- brushes and palette knifes
- aerosols and airbrushing
- murals and school beautification projects

A variety of genres will be explored including

- Portraits
- Landscapes
- Still lives
- Abstract
- Fantasy
- Interiors
- Fauna and Flora

In Term 4 students will produce a major Body of Work and create an Exhibition of their work.

THEORY:
Students will study various styles of practicing artists as a source of inspiration when planning and creating their work.

SUBJECT FEES: $60 (includes Visual Arts Process Diary)

CONTACT PERSON: Ms J Chivas / Mrs J Margetts / Mr B Butler
PASS: IMPROVING PERFORMANCE – 100 hours

KEY LEARNING AREA: Personal Development, Health and Physical Education

COURSE AIMS:
The aim of PASS: Improving performance is to enhance the student’s understanding of the way the body works in relation to fitness and sports participation. This will be achieved through extensive fitness based practical activities that are designed to challenge even the fittest of student. Within theory lessons, students will learn how the body works and how to improve body function so an improvement in sports participation is achieved. **Full participation in all practical activities is a mandatory component of this course.**

TOPICS IN COURSE:
Students will engage in the integrated study of how to
- Enhancing Participation and Performance.
- High intensity practical based activities e.g. Weights sessions at the gym, plyometric activities at jetty beach

SUBJECT FEES: $0 (up front) – However there will be ongoing costs associated with attending outside sporting venues and activities. $3-15 depending on activities chosen.

Please note: Students wishing to choose this elective are required to wear the NEW Coffs Harbour High School Sports Uniform each lesson.

CONTACT PERSON: Mr N Henry
PERFORMANCE GROUP - 100 hours

KEY LEARNING AREA: Creative and Performing Arts

COURSE AIMS:
- This course is designed for students who would enjoy performing in small ensembles and large groups.
- Priority will be given to students who are enrolled in the 200hr Music Elective Course.
- Students choosing this subject must either sing or play a musical instrument and be prepared to perform at school functions.
- Students will get the opportunity to write and perform their own compositions.
- Students from this class will also have the opportunity to be in the 2013 school musical at the Jetty Theatre.

SUBJECT FEES: $15

CONTACT PERSON: Ms M Montgomery / Mr S Smith
PROJECT HISTORY - 100 hours

KEY LEARNING AREA: Human Society and Its Environment

COURSE AIMS:
This course is designed for students who wish to
- Develop a wide range of research skills
- Investigate historical topics of their own choosing
- Explore a wide-range of ICT programs
- Improve their oral presentation skills
- Unleash their creativity

This course is entirely ICT-based and students will be required to use their laptops EVERY lesson. NO paper, books or pens are required and there are NO tests.

TOPICS COVERED:
Students will be asked to choose FOUR historical topics and develop a research project on each. The topics can come from ancient, medieval, modern and contemporary history. Topics can focus on a country, a personality or an issue: for example, you could choose to investigate terrorism in today’s world, siege warfare in the Middle Ages, Napoleon and the America in the Space Age. The choice is yours! Whatever interests you – whatever you are passionate about - as long as it’s history!

ASSESSMENT:
Marks will be allocated per term as follows:
- Digital Log-Book (marked fortnightly)-10%
- Project and Oral Presentation – 15%

This course is perfect for those students who want to i) improve their research skills, ii) choose what they study and iii) challenge their ICT competence. It will also benefit students who intend to study any senior subject which involves a project e.g. Society and Culture, Modern and Ancient History, Extension History, Textiles, Music, Visual Arts and Drama.

This course satisfies the following outcomes of the BOS History Syllabus (Elective Courses):
Students will develop
a) a knowledge and understanding of history and historical inquiry
b) a knowledge and understanding of past societies and historical periods
c) skills to undertake the process of historical inquiry
d) skills to communicate their understanding of history

CONTACT PERSON: Mrs R Laurens
THE 3D EXPERIENCE - 100 hours

KEY LEARNING AREA: Creating and Performing Arts

COURSE AIMS:
This course will give students the opportunity to explore a variety of techniques and materials to create 3D Forms ranging from functional ceramic forms to creative garden sculptures.

TOPICS IN COURSE:
The course is predominantly practical with Units of Work being designed around ceramic and sculpture techniques. All units will allow students to express their own creative ideas and styles.

- Ceramic garden Sculptures
- Slab pots such as lidded boxes and vases
- Functional ware e.g. teapots, bowls and platters.
- Slip casting
- Mosaics
- Carving Hebel Brick
- Found Object Assemblage
- Making pots on the pottery wheel
- Large Coil pots
- School beautification projects such as a Sculpture garden and mosaic murals.

Students will get the opportunity in Term 4 to design and create a 3D project of their own choice that displays the skills they have learnt throughout the course. Students will also work collaboratively in groups to create 3D projects for the school environment.

THEORY:
The study of Sculpture and Ceramics throughout history will be used as a source of inspiration to students when designing their work.

SUBJECT FEES: $60 (includes Visual Arts Process Diary)

CONTACT PERSON: Ms J Chivas / Mrs J Margetts
How we form classes

Wherever possible students will receive their elective choices, 
HOWEVER:

1. Students who hand in their elective form on time get first preference for the spaces in more popular classes.

   GET YOUR FORM IN ON TIME!

2. If an elective does not have enough students to run or too many students we will look at the reserve options students have nominated.

   MAKE SURE YOU HAVE CHOSEN A RESERVE 100 HOUR SUBJECT.

If you have any further questions, you can also contact

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