

FOUNDATION STUDIES

Study Plans for Students

Example Study Plans for Students

The following are course plans for students studying in foundation studies.

There are three streams available

BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY

ENGINEERING AND COMPUTER SCIENCE

HEALTH AND LIFE SCIENCES

FOUNDATION STUDIES - BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY STREAM

Study Plans for Students

Example Study Plans for Students

The following is a course plan for students studying in the Foundation Studies Business, Humanities and Information technology Stream

| FOUNDATION STUDIES – BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY | | | | | | | |
|--|---|--|--|--|------------------------------|---|---|
| Two Trimesters | To complete Foundation Studies you need to pass 4 Trimester 1 subjects, Independent learning 1 and 4 Trimester 2 subjects and Independent Learning 2. | | | | | | |
| | Any students wanting Bachelor of Business or similar degrees should select Accounting. | | | | | | |
| | Students must enrol in either all Class 1 or all Class 2 only | | | | | | |
| | You choose your subjects based on the stream you are doing. | | | | | | |
| | Stage 1 | LFS00AS1 (Core) | LFS00EM1 (Core) | LFS00IN1 (Required) | LFS00AC1 | LFS00EC1 | LFS00MD1 |
| | | Academic Communication 1 | Essential Maths 1 | Independent Learning 1 | Accounting 1 | Economics 1 | Media 1 (Available Trimester 1 only) |
| Stage 2 | LFS00AS2 (Core) | FS00EM2 (Core) | LFS00IN2 (Required) | LFS00AC2 | LFS00EC2 | LFS00MD2 | |
| | Academic Communication 2 | Essential Maths 2 | Independent Learning 2 | Accounting 2 | Economics 2 | Media 2 (Available Trimester 2 only) | |

Pathways

| FOUNDATION STUDIES – BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY | | |
|---|---|--|
| Completion of Foundation Studies BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY Allows entry into Diploma of Business, Diploma of Media and Communication or Diploma of Information Technology Or 1 st Year of the following | | |
| Bachelor of Arts | Bachelor of Business (Accounting and Finance) | Bachelor of International Business |
| Bachelor of Arts/Bachelor of Health Sciences | Bachelor of Business (Event Management) | Bachelor of Politics, Philosophy and Economics |
| Bachelor of Commerce/Bachelor of Agricultural Sciences | Bachelor of Business (Event Management/Marketing) | Bachelor of Outdoor Recreation Education |
| Bachelor of Commerce/Bachelor of Computer Science | Bachelor of Business (Human Resource Management) | Bachelor of Outdoor Education |
| Bachelor of Commerce/Bachelor of International Relations | Bachelor of Business Information Systems | Bachelor of Laws |
| Bachelor of Creative Arts | Bachelor of Business (Marketing) | Bachelor of Laws/Bachelor of Arts |
| Bachelor of Criminology | Bachelor of Business (Sport Development and Management) | Bachelor of Laws/Bachelor of International Relations |
| Bachelor of International Relations | Bachelor of Business (Sport Management) | Bachelor of Laws/Bachelor of Science |
| Bachelor of Urban, Rural and Environmental Planning | Bachelor of Business (Tourism and Hospitality) | Bachelor of Laws/Bachelor of Media and Communication |
| Bachelor of Accounting | Bachelor of Commerce | |
| Bachelor of Accounting/Master of Financial Analysis | Bachelor of Commerce/Bachelor of Science | |
| Bachelor of Business | Bachelor of Finance | |
| Bachelor of Business (Accounting) | Bachelor of Information Technology | |

*** WAM requirements apply – please refer to course plans for more details. (WAM is the average mark obtained across all subjects, including failed units)**

The link below is to the prospectus for all courses at La Trobe University. It has the Foundation Studies academic entry requirement.

https://www.latrobe.edu.au/_data/assets/pdf_file/0010/764263/International_Course_Guide_2019.pdf

English language equivalent requirements (ie Academic Communication 2 result) can be sourced here:

<https://www.latrobe.edu.au/international/how-to-apply/english-and-academic-requirements/english-language-requirements>

FOUNDATION STUDIES – ENGINEERING AND COMPUTER SCIENCE STREAM

Study Plans for Students

Example Study Plans for Students

The following is a course plan for students studying in the Foundation Studies Engineering and Computer Science Stream

| FOUNDATION STUDIES – ENGINEERING AND COMPUTER SCIENCE | | | | | | | | | | | |
|---|--|--|--|--|--|---|---|---|------------------------------|---|---|
| Two Trimesters | <p>To complete Foundation Studies you need to pass 4 Trimester 1 subjects, Independent learning 1 and 4 Trimester 2 subjects and Independent Learning 2. You choose your subjects based on the stream you are doing.</p> <p>Bachelor of Engineering must have Advanced Mathematics 2 and Physics 2</p> <p>Bachelor of Computer Science must have Advanced Mathematics 2.</p> <p>Students must enrol in either all Class 3 or all Class 4 only</p> | | | | | | | | | | |
| | Stage A | LFS00AS1 (Core) | LFS00EM1 (Core) | LFS00IN1 (Required) | LFS00AM1 | LFS00BY1 | LFS00CY1 | LFS00PY1 | LFS00AC1 | LFS00EC1 | LFS00MD1 |
| | | Academic Communication 1 | Essential Maths 1 | Independent Learning 1 | Advanced Maths 1 (Available Trimester 1 and 2 only) | Biology 1 (Available Trimester 1 and 2 only) | Chemistry 1 (Available Trimester 1 and 2 only) | Physics 1 (Available Trimester 1 and 2 only) | Accounting 1 | Economics 1 | Media 1 (Available Trimester 1 only) |
| | Stage B | LFS00AS2 (Core) | LFS00EM2 (Core) | LFS00IN2 (Required) | LFS00AM2 | LFS00BY2 | LFS00CY2 | LFS00PY2 | LFS00AC2 | LFS00EC2 | LFS00MD2 |
| | Academic Communication 2 | Essential Maths 2 | Independent Learning 2 | Advanced Maths 2 (Available Trimester 2 and 3 only) | Biology 2 (Available Trimester 2 and 3 only) | Chemistry 2 (Available Trimester 2 and 3 only) | Physics 2 (Available Trimester 2 and 3 only) | Accounting 2 | Economics 2 | Media 2 (Available Trimester 2 only) | |

Pathways

| FOUNDATION STUDIES – ENGINEERING AND COMPUTER SCIENCE | |
|---|-----------------------------------|
| <p>Completion of Foundation Studies ENGINEERING AND COMPUTER SCIENCE Allows entry into Diploma of Engineering Or 1st Year of the following</p> | |
| Bachelor of Computer Science | Bachelor of Engineering (Honours) |

*** WAM requirements apply – please refer to course plans for more details. (WAM is the average mark obtained across all subjects, including failed units)**

The link below is to the prospectus for all courses at La Trobe University. It has the Foundation Studies academic entry requirement.

https://www.latrobe.edu.au/_data/assets/pdf_file/0010/764263/International_Course_Guide_2019.pdf

English language equivalent requirements (ie Academic Communication 2 result) can be sourced here:

<https://www.latrobe.edu.au/international/how-to-apply/english-and-academic-requirements/english-language-requirements>

FOUNDATION STUDIES – HEALTH AND LIFE SCIENCES STREAM

Study Plans for Students

Example Study Plans for Students

The following is a course plan for students studying in the Foundation Studies Health and Life Sciences stream

| FOUNDATION STUDIES – HEALTH AND LIFE SCIENCES | | | | | | | | |
|---|---|--|--|--|--|---|---|---|
| Two Trimesters | To complete Foundation Studies you need to pass 4 Trimester 1 subjects, Independent Learning 1 and 4 Trimester 2 subjects and Independent Learning 2. You choose your subjects based on the stream you are doing. Bachelor of Pharmacy (Honours) must have Advanced Mathematics 2 and Chemistry 2. Students must enrol in either all Class 3 or all Class 4 subjects only | | | | | | | |
| | Stage A | LFS00AS1 (Core) | LFS00EM1 (Core) | LFS00IN1 (Required) | LFS00AM1 | LFS00BY1 | LFS00CY1 | LFS00PY1 |
| | | Academic Communication 1 | Essential Maths 1 | Independent Learning 1 | Advanced Maths 1 (Available Trimester 1 and 2 only) | Biology 1 (Available Trimester 1 and 2 only) | Chemistry 1 (Available Trimester 1 and 2 only) | Physics 1 (Available Trimester 1 and 2 only) |
| | Stage B | LFS00AS2 (Core) | LFS00EM2 (Core) | LFS00IN2 (Required) | LFS00AM2 | LFS00BY2 | LFS00CY2 | LFS00PY2 |
| | Academic Communication 2 | Essential Maths 2 | Independent Learning 2 | Advanced Maths 2 (Available Trimester 2 and 3 only) | Biology 2 (Available Trimester 2 and 3 only) | Chemistry 2 (Available Trimester 2 and 3 only) | Physics 2 (Available Trimester 2 and 3 only) | |

Pathways

| FOUNDATION STUDIES – HEALTH AND LIFE SCIENCES | | |
|---|--|---|
| Completion of Foundation Studies HEALTH AND LIFE SCIENCES Allows entry into Diploma of Bioscience, Diploma of Health Science or Diploma of Psychology Or 1 st Year of the following | | |
| Bachelor of Agricultural Sciences | Bachelor of Arts/Bachelor of Health Sciences | Bachelor of Nursing |
| Bachelor of Animal and Veterinary Biosciences | Bachelor of Biomedical Science | Bachelor of Pharmacy (Honours) *Must have Advanced Mathematics 2 and Chemistry 2 |
| Bachelor of Arts/Bachelor of Science | Bachelor of Biological Sciences | Bachelor of Psychological Science |
| Bachelor of Applied Science and Master of Clinical Audiology | Bachelor of Exercise Science | Bachelor of Science |
| Bachelor of Applied Science and Master of Clinical Prosthetics and Orthotics | Bachelor of Exercise Science and Master of Exercise Physiology | Bachelor of Science/Bachelor of Business |
| Bachelor of Applied Science and Master of Dietetic Practice (Quotas apply) | Bachelor of Health Sciences | Bachelor of Science/Bachelor of Commerce |
| Bachelor of Applied Science and Master of Occupational Therapy Practice (Quotas apply) | Bachelor of Health Sciences/Bachelor of Commerce | Bachelor of Science (Honours) and Master of Nanotechnology |
| Bachelor of Applied Science and Master of Orthoptics | Bachelor of Health Sciences (Medical Classification)/Bachelor of Health Information Management | Bachelor of Science (Wildlife and Conservation Biology) |
| Bachelor of Applied Science and Master of Physiotherapy Practice (Quotas apply) | Bachelor of Human Nutrition | |
| Bachelor of Applied Science and Master of Speech Pathology | Bachelor of Human Services and Master of Social Work | |

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https://www.latrobe.edu.au/data/assets/pdf_file/0010/764263/International_Course_Guide_2019.pdf

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<https://www.latrobe.edu.au/international/how-to-apply/english-and-academic-requirements/english-language-requirements>

LFS00AS1 Academic communication 1

Subject Overview

The main aims of the Academic Communication 1 course are the consolidation and extension of students' understanding of, and ability to use, written and spoken English for the purposes of tertiary study. It will specifically extend language skills through thinking, reading, writing, speaking and listening. Students will be assessed on their ability to communicate ideas, feelings, observations and information effectively both in writing and orally.

| Assessment Type | When | Weighting |
|---|---------|-----------|
| On-going assessment of reading, writing and listening skills referred to as Assessment Task _ | Weekly | 50% |
| Final examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00AS2 Academic Communication 2

Subject Overview

The main aims of the Academic Communication 2 subject are the consolidation and extension of students' understanding of, and ability to use, written and spoken English for the purposes of tertiary study. It will specifically extend language skills through thinking, reading, writing, speaking and listening. Students will be assessed on their ability to communicate ideas, feelings, observations and information effectively both in writing and orally. Students will be exposed to a wide range of text types from a variety of sources such as websites, academic journals, newspapers, magazine and television programmes, etc. Emphasis will be placed on helping students to question, interpret and critically analyse these texts. Students will use this in- depth analysis as the basis for their own writing, demonstrating the ability to integrate sources and synthesise ideas.

| Assessment Type | When | Weighting |
|---|---------|-----------|
| On-going assessment of reading, writing, listening and presentation skills referred to as Assessment Task 1, 2 etc. | Weekly | 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00AC1 Accounting 1

Subject Overview

Accounting is the process of recording, reporting, analysing and interpreting financial data and information which is then communicated to internal and external users of the information. It plays an integral role in the successful operation and management of a business.

This subject focuses on the financial recording, reporting and decision-making processes of a sole proprietor.

| Assessment Type | When | Weighting |
|-------------------|------------------------|-----------|
| Tests (Five) | Weeks 3, 5, 7,11,12 | 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00AC2 Accounting 2

Subject Overview

This subject builds on the concepts introduced in Accounting 1 with a focus on financial recording, reporting, and decision-making processes of a sole proprietor. Accounting is the process of recording, reporting, analysing and interpreting financial data and information which is then communicated to internal and external users of the information. It plays an integral role in the successful operation and management of a business.

| Assessment Type | When | Weighting |
|-------------------------|---------------|-----------|
| Tests (four) | Weeks 3,5,7,9 | 50% |
| Assignment (Case Study) | Week 11 | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00AM1 Advanced Mathematics 1

Subject Overview

The major objective of this course is to provide students with the necessary advanced mathematical knowledge and skills required to proceed to further studies in mathematics for entry to tertiary studies in an engineering/mathematical field.

The main topics studied include graphs and polynomials, exponential and logarithmic functions, circular functions, calculus and probability. The appropriate use of technology in regards to graphical calculators is important to enhance students understanding of the concepts.

| Assessment Type | When | Weighting |
|----------------------------------|----------------|--------------|
| Four topic tests (Test One, etc) | Week 4,7,10,12 | 4 x 5% = 30% |
| Three Assignments | Week 3,6,9 | 20% |
| Final Examination | Week | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00AM2 Advanced Mathematics 2

Subject Overview

The major objective of this course is to provide students with the necessary advanced mathematical knowledge and skills required to proceed to further studies in mathematics for entry to tertiary studies in an engineering/mathematical field.

The main topics studied include graphs and functions, calculus and continuous probability distributions. The appropriate use of technology in regards to graphical calculators is important to enhance students understanding of the concepts.

| Assessment Type | When | Weighting |
|-------------------|----------------|-------------|
| Four topic tests | Weeks 2,4,7,11 | 40% (Total) |
| Assignment | Week 9 | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00BY1 Biology 1

Subject Overview

Foundation Studies Biology aims to provide students with the biological background necessary for tertiary studies in Health and the Sciences.

Biology 1 introduces students to the study of biology. Along with the content, students gain knowledge in biological language and the interpretation of data, along with practical applications gained in a laboratory setting.

| Assessment Type | When | Weighting |
|-----------------------|-----------------------|-----------|
| Topic Tests (5) | Weeks 3, 6, 8, 10, 12 | 40% |
| Practical Reports (2) | Weeks 3, 6 | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00BY2 Biology 2

Subject Overview

Foundation Studies Biology aims to provide students with the biological background necessary for tertiary studies in Health and the Sciences.

Biology 2 builds on the knowledge and skills of Biology 1. Along with the content, students gain knowledge in biological language and the interpretation of data, along with practical applications gained in a laboratory setting.

| Assessment Type | When | Weighting |
|-----------------------|-----------------------|-----------|
| Topic Tests (5) | Weeks 3, 5, 8, 10, 12 | 40% |
| Practical Reports (2) | Weeks 3, 6 | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00CY1 Chemistry 1

Subject Overview

Foundation Studies Chemistry aims to provide students with the chemistry background necessary for tertiary studies in Engineering and the Sciences. The course covers the major principles of Chemistry and their application to Technology and Society.

Major areas of study include: Atomic Structure and the Periodic Table, Chemical Bonding, Types of Chemical Reaction and Quantitative Chemistry.

Practical classes are integral to the course. They aim to develop safe laboratory practice, and an understanding of the scientific method and associated experimental techniques. The experiments reinforce or introduce theoretical concepts covered in course work.

| Assessment Type | When | Weighting |
|-------------------------------------|-----------------------|-----------|
| Topic Tests x 3 | Weeks 5 9 12 | 25% |
| Activities and laboratory exercises | Ongoing | 15% |
| Online learning activities (OWL) | Ongoing | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00CY2 Chemistry 2

Subject Overview

Foundation Studies Chemistry aims to provide students with the chemistry background necessary for tertiary studies in Engineering and the Sciences. The course covers the major principles of Chemistry and their application to Technology and Society.

Major areas of study include: Solutions, Acids and Bases, Redox, Electrochemistry, Thermochemistry, Rates and Equilibrium, and Organic Chemistry.

Practical classes are integral to the course. They aim to develop safe laboratory practice, and an understanding of the scientific method and associated experimental techniques. The experiments undertaken should reinforce or introduce theoretical concepts covered in course work.

| Assessment Type | When | Weighting |
|----------------------------------|-----------------------------|-----------|
| Topic Test x 4 | Weeks 4 7 10 12 | 25% |
| Laboratory exercises | Ongoing | 15% |
| Online learning activities (OWL) | Ongoing | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00EC1 Economics 1

Subject Overview

Economics involves a study of how a nation organizes to provide the material things which its population needs to live. It involves a study of markets, producing, buying and selling goods and services and allocating resources (microeconomics). It also involves a study of how a nation's economic system operates, and how its performance can be measured and monitored (macroeconomics). This subject introduces students to economics terms, concepts and theories and provides an opportunity to research an economic issue.

| Assessment Type | When | Weighting |
|-------------------|----------------|-----------|
| Tests (Three) | Weeks 3, 7, 11 | 40% |
| Research | Week 11 | 10% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00EC2 Economics 2

Subject Overview

This subject builds on the fundamental economic knowledge and concepts introduced in Economic 1. These concepts/skills are utilized to analyse economic systems, operation of markets and the Australian economy. The interaction between economic agents (firms, individuals, governments, financial, overseas sectors) is further developed.

| Assessment Type | When | Weighting |
|-------------------|-----------------|-----------|
| Test One | Weeks 3, 7 & 10 | 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%

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LFS00EM1 Essential Mathematics 1

Subject Overview

The major objective of this course is to provide students with the necessary mathematical knowledge and skills required to proceed to further studies in mathematics for both entry to tertiary studies and for general life and employability skills.

The main topics studied include financial arithmetic, statistics, geometry, graphs and matrices. Technology including graphics calculators and spreadsheet software are used to enhance the learning process.

| Assessment Type | When | Weighting |
|----------------------------------|-------------------|-----------|
| Five topic tests (Test One, etc) | Weeks 2,4,6,10,12 | 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00EM2 Essential Mathematics 2

Subject Overview

The major objective of this course is to provide students with the necessary mathematical knowledge and skills required to proceed to further studies in mathematics for both entry to tertiary studies and for general life and employability skills.

The main topics studied include statistics, number patterns, graphs and relations and business related mathematics. Technology including graphics calculators and spreadsheet software are used to enhance the learning process.

Skills gained should include the ability to define and explain key terms and concepts, obtain skills which can be applied to solve simple problems, and extrapolate these skills to solve given practical situations which may involve analysis, problem solving, modelling or investigative techniques.

| Assessment Type | When | Weighting |
|----------------------------------|----------------------|--------------|
| Five topic tests (Test One, etc) | Weeks 3, 5, 8, 9, 12 | 5 x 8% = 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00PY1 Physics 1

Subject Overview

Foundation Studies Physics aims to provide students with the physics background necessary for tertiary studies in Engineering and the Sciences. The course aims to improve the scientific literacy of students with experimentation, questioning and analysis and introduces them to the major areas of study which includes kinematics, light, waves and electricity.

| Assessment Type | When | Weighting |
|-------------------|-------------------|-----------|
| Topic Tests x 4 | Weeks 4, 6, 9, 12 | 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00PY2 Physics 2

Subject Overview

Foundation Studies Physics aims to provide students with the physics background necessary for tertiary studies in Engineering and the Sciences. The course aims to improve the scientific literacy of students with experimentation, questioning and analysis and introduces them to the major areas of study which includes work, energy and collisions, curvilinear motion, electromagnetism, light and matter.

| Assessment Type | When | Weighting |
|-------------------|----------------|-----------|
| Topic Tests x 3 | Weeks 4, 7, 11 | 50% |
| Final Examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00MD1 Media 1

Subject Overview

Foundation Studies Media 1 aims to provide students with an understanding of the world of media and its various forms and in particular new and emerging technologies. The role of the media industry will be studied along with the concept of media production.

| Assessment Type | When | Weighting |
|---------------------|-------------|-----------|
| Internal assessment | Week 6 & 12 | 50% |
| Final examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00MD2 Media 2

Subject Overview

Media 2 aims to provide students with an understanding of film or television or radio production and the elements involved. Both film, television and radio programs will be studied to analyse the narrative organisation of the film/program. Understanding will also come from developing practical skills of the design and production process. The subject will also examine the role and the influence of the media in today's society.

| Assessment Type | When | Weighting |
|---------------------|----------------------|-----------|
| Internal Assessment | Week 1, 1, 5, 9 & 12 | 50% |
| Final examination | Week 14 | 50% |

In order to pass this subject, students are required to achieve an overall result of at least 50%.

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LFS00IN1 & 2 Independent Learning 1 and 2

Subject Overview

Independent Learning is a supervised 2-hour weekly session. It is designed to give students time to complete additional work from other subjects; help promote the acquisition of good study skills; and to improve English language skills by encouraging group and informal discussions. Various seminars may be introduced from time-to-time such as “Aussie Slang” or “Creating a Resume”. It also provides students with an additional point of reference with a teacher mentor.

| Assessment Type | When | Weighting |
|-----------------|------|-----------|
| Attendance | - | 100% |

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