

# 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	<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.</p> <p><b>Any students wanting Bachelor of Business or similar degrees should select Accounting.</b></p> <p><b>Students must enrol in either all Class 1 or all Class 2 only</b></p> <p>You choose your subjects based on the stream you are doing.</p>						
	Stage 1	LTM1AIM (Required)	LFS00AS1 (Core)	LFS00EM1 (Core)	LFS00IN1 (Required)	LFS00AC1	LFS00EC1
		Academic Integrity Module (Completed in Independent Learning or own time by week 4)	<a href="#">Academic Communication 1</a>	<a href="#">Essential Maths 1</a>	<a href="#">Independent Learning 1</a>	<a href="#">Accounting 1</a>	<a href="#">Economics 1</a>
	Stage 2	LFS00AS2 (Core)	FS00EM2 (Core)	LFS00IN2 (Required)	LFS00AC2	LFS00EC2	
		<a href="#">Academic Communication 2</a>	<a href="#">Essential Maths 2</a>	<a href="#">Independent Learning 2</a>	<a href="#">Accounting 2</a>	<a href="#">Economics 2</a>	

## FOUNDATION STUDIES – BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY

### Completion of Foundation Studies

### BUSINESS, HUMANITIES AND INFORMATION TECHNOLOGY

Allows entry into Diploma of Business, Diploma of Business Analytics, Diploma of Cybersecurity, Diploma of Media and Communication or Diploma of Information Technology  
Or 1<sup>st</sup> 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 (Graduate Entry)
Bachelor of Urban, Rural and Environmental Planning	Bachelor of Business (Tourism and Hospitality)	Bachelor of Laws/Bachelor of Science
Bachelor of Accounting	Bachelor of Commerce	Bachelor of Laws/Bachelor of Media and Communication
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 stage 2 subjects only)**

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](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:

## 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

Two Trimesters	Stage A	<b>LTM1AIM</b> (Required)	<b>LFS00AS1</b> (Core)	<b>LFS00EM1</b> (Core)	<b>LFS00IN1</b> (Required)	<b>LFS00AM1</b>	<b>LFS00BY1</b>	<b>LFS00CY1</b>	<b>LFS00PY1</b>	<b>LFS00AC1</b>	<b>LFS00EC1</b>
		Academic Integrity Module (Completed in Independent learning or own time by week 4)	<a href="#">Academic Communication 1</a>	<a href="#">Essential Maths 1</a>	<a href="#">Independent Learning 1</a>	<a href="#">Advanced Maths 1</a> (Available Trimester 1 and 2 only)	<a href="#">Biology 1</a> (Available Trimester 1 and 2 only)	<a href="#">Chemistry 1</a> (Available Trimester 1 and 2 only)	<a href="#">Physics 1</a> (Available Trimester 1 and 2 only)	<a href="#">Accounting 1</a>	<a href="#">Economics 1</a>
	Stage B	<b>LFS00AS2</b> (Core)	<b>LFS00EM2</b> (Core)	<b>LFS00IN2</b> (Required)	<b>LFS00AM2</b>	<b>LFS00BY2</b>	<b>LFS00CY2</b>	<b>LFS00PY2</b>	<b>LFS00AC2</b>	<b>LFS00EC2</b>	
		<a href="#">Academic Communication 2</a>	<a href="#">Essential Maths 2</a>	<a href="#">Independent Learning 2</a>	<a href="#">Advanced Maths 2</a> (Available Trimester 2 only)	<a href="#">Biology 2</a> (Available Trimester 2 and 3 only)	<a href="#">Chemistry 2</a> (Available Trimester 2 and 3 only)	<a href="#">Physics 2</a> (Available Trimester 2 only)	<a href="#">Accounting 2</a>	<a href="#">Economics 2</a>	

### FOUNDATION STUDIES – ENGINEERING AND COMPUTER SCIENCE

#### Completion of Foundation Studies ENGINEERING AND COMPUTER SCIENCE

Allows entry into  
Diploma of Engineering

Or 1<sup>st</sup> Year of the following

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 stage 2 subjects only)**

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](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	<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><b>Bachelor of Pharmacy (Honours) should have Advanced Mathematics 2 and Chemistry 2.</b></p> <p><b>Students must enrol in classes of the same number. E.g., All Class number 3</b></p>								
	Stage A	<b>LTM1AIM</b> (Required)	LFS00AS1 (Core)	LFS00EM1 (Core)	LFS00IN1 (Required)	LFS00AM1	LFS00BY1	LFS00CY1	LFS00PY1
		Academic Integrity Module (Completed in Independent learning or own time by week 4)	<a href="#">Academic Communicatio n 1</a>	<a href="#">Essential Maths 1</a>	<a href="#">Independent Learning 1</a>	<a href="#">Advanced Maths 1</a> (Available Trimester 1 and 2 only)	<a href="#">Biology 1</a> (Available Trimester 1 and 2 only)	<a href="#">Chemistry 1</a> (Available Trimester 1 and 2 only)	<a href="#">Physics 1</a> (Available Trimester 1 and 2 only)
	Stage B	LFS00AS2 (Core)	LFS00EM2 (Core)	LFS00IN2 (Required)	LFS00AM2	LFS00BY2	LFS00CY2	LFS00PY2	
		<a href="#">Academic Communicatio n 2</a>	<a href="#">Essential Maths 2</a>	<a href="#">Independent Learning 2</a>	<a href="#">Advanced Maths 2</a>	<a href="#">Biology 2</a> (Available Trimester 2 and 3 only)	<a href="#">Chemistry 2</a> (Available Trimester 2 and 3 only)	<a href="#">Physics 2</a> (Available Trimester 2 only)	

					(Available Trimester 2 only)			
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FOUNDATION STUDIES – HEALTH AND LIFE SCIENCES		
<b>Completion of Foundation Studies</b> <b>HEALTH AND LIFE SCIENCES</b> Allows entry into Diploma of Bioscience, Diploma of Health Science or Diploma of Psychology Or 1 <sup>st</sup> 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) *Recommended 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	

\* **WAM requirements apply – please refer to course plans for more details. (WAM is the average mark obtained across all stage 2 subjects only)**

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](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>

## 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	40%
Final examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.



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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	40%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	40%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	30%
Assignment (Case Study)	Week 11	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	10%
Final Examination	Week	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	30% (Total)
Assignment	Week 9	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	30%
Practical Reports (2)	Weeks 3, 6	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	30%
Practical Reports (2)	Weeks 3, 6	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.



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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	15%
Activities and laboratory exercises	Ongoing	15%
Online learning activities (OWL)	Ongoing	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	15%
Laboratory exercises	Ongoing	15%

Online learning activities (OWL)	Ongoing	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	30%
Research	Week 11	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	Week 3	10%
Test Two (Mid-trimester test)	Week 7	20%
Test Three	Week 10	10%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	5 x 8% = 40%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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% = 40%

Final Examination	Week 14	60%
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In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	40%
Final Examination	Week 14	60%

In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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	40%
Final Examination	Week 14	60%



In order to pass this subject, students are required to achieve an overall result of at least 50%. In addition, students are required to achieve a minimum result of 50% in the end of semester examination component of assessment.

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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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