Newcastle Business School

GSBS6506: Financial Statement Analysis 2024

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

MISSION: To develop a unique business school identity which is distinctive in the marketplace and provides a clear value proposition for students. This will be achieved by embedding the themes of entrepreneurship and innovation, digitalisation and data within our programs and embracing sustainability, work integrated learning and a commitment to social justice.

OVERVIEW

Course Description

This course introduces key valuation theories for fundamental analysis. The primary emphasis is on equity valuation, with a focus on developing and applying methods for valuing firms using financial statement analysis. Topics include the residual earnings model and the abnormal earnings growth model.

Sustainable Development Goals



Contact Hours

Workshop:

Face to face on campus for two (2) hours per week for 12 weeks starting week 1.

Self-Directed Learning:

Six (6) hours of online content per term provided for self-directed learning.

Unit Weighting Assumed Knowledge 10 units

dge GSBS6140 Investment Analysis and GSBS6200 Financial

Management and Accounting.

Workload

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

Please refer to the course CANVAS site for details of teaching staff for ALL course offerings. The primary contact for courses is the Course Coordinator, whose details are listed on the course CANVAS site.

Student Consultation

Course Learning Outcomes A minimum of one (1) hour of consultation per week. Please see course CANVAS site for details of time and location.

On successful completion of this course, students will be able to:

- 1. Demonstrate critical thinking, analytical and problem-solving skills in the context of financial statement analysis:
- 2. Identify information contained within financial statements to conduct fundamental analysis;
- Demonstrate an understanding of various different valuation models: and
- 4. Describe and apply the techniques of financial statement analysis and security valuation.



www.newcastle.edu.au CRICOS Provider 00109J



ASSESSMENTS

This course has 4 assessments. Each assessment is described in more detail in the sections below:

| | Assessment Name | Due Date | Involvement | Weighting | Learning Outcomes |
|---|------------------------------------|---|-------------|-----------|----------------------|
| 1 | Homework and case study discussion | Throughout Trimester See the CANVAS site for detail | Individual | 5% | 1 |
| 2 | Mid-Term Test | Week 6 | Individual | 25% | 1, 2 |
| 3 | Research Assignment | Sunday - Week 11 by 11:59 pm | Group | 20% | 1, 3, 4 |
| 4 | Final Examination | Exam Period | Individual | 50% | 1, 2, 3, 4 |

<u>Please note:</u> students are advised that ALL assessments must be submitted in English. Assessments <u>not</u> submitted in English will receive a mark of zero.

Results of individual assessment items and final results, including those provided via the Learning Management System (LMS) are 'unofficial results' until they are confirmed as finalised by the School Assessment Body and the Head of School or delegate. Finalised results are released directly to students on the Fully Graded Date of the relevant Semester/Trimester.

Time referenced is time in Newcastle NSW

| Late Submissions | The mark for an assessment item submitted after the designated time on the due date, | |
|------------------|--|--|
| | without an approved extension of time, will be reduced by 10% of the possible maximum | |
| | mark for that assessment item for each day or part day that the assessment item is late. | |
| | Note: this applies equally to week and weekend days. | |

Assessment 1 - Homework and case study discussion

Assessment Type Case Study / Problem Based Learning

PurposeThe purpose of this assessment is to engage students in the course content. **Description**A hand-written report with an attached cover sheet showing the completion of the

assigned questions from the prescribed textbook. Full details will be available via the

course CANVAS site.

Weighting 5%

Length Varies each week

Due Date Throughout Trimester. See the course CANVAS site for full details

Submission Method Online via course CANVAS site. Further instructions are available on the course

CANVAS site.

Assessment Criteria The following criteria will be used:

Accuracy of information/argument.

Relevance to the question.

Clarity of expression.

Contribution to class discussion.

Return MethodOnline via course CANVAS site
Feedback Provided
Online via course CANVAS site

Assessment 2 – Mid-Term Test

Assessment Type

In Term Test

Purpose

The purpose of this assessment is for students to apply critical thinking and problem

solving skills to identify information contained within financial statements.

Description

The application of equity valuation theory and models covered in Weeks 1 to 5 via multiple-choice and short-answer questions. Further details will be available via the

course CANVAS site.

Weighting 25% Length 90 minutes

Due Date Week 6 during the class

Submission Method In Class

Assessment Criteria The following criteria will be used:

Demonstrate the accurate application of equity valuation theory and models.

 Demonstrate a knowledge and understanding of equity valuation concepts and principles.

Display analytical and problem solving skills in the context of financial information.



Return Method Not returned

Feedback Provided In Class or online via course CANVAS site

Assessment 3 - Research Assignment

Assessment Type

Project

Purpose

The purpose of this assessment is for students to demonstrate critical thinking, problem solving skills, and understanding of valuation models in the context of financial statement analysis. In addition, students are to describe and apply the techniques of

financial statement analysis and security valuation.

Description

As a group, students are required to deliver a project that involves financial analysis and uses valuation tools developed in the course. The project should be undertaken in groups of maximum four (4) people. Students need to conduct a pro forma analysis for a

given company.

Weighting

4000 words maximum

20%

Length Due Date

Sunday - Week 11 by 11:59 pm

Submission Method

Online via Turnitin

Assessment Criteria

The following criteria will be used:

- Accuracy of calculation.

Justification of analysis and forecasting.

Demonstrated links to corresponding readings.

Clarity of expression.

Critical thinking and problem solving skills

Return Method

Online via course CANVAS site

Feedback Provided

Online via course CANVAS site - written feedback will be provided

Assessment 4- Final Examination

Assessment Type

Purpose

Description

Formal Examination

The purpose of this assessment is to test students' capacity to consolidate and apply advanced equity valuation knowledge and skills to contextual practice problems Completing short-answer and contextual questions for all topics covered in the course.

Further details will be available via the course CANVAS site.

This course has a **RESTRICTED OPEN BOOK** examination. A memory aid is permitted. The memory aid is a single double sided A4 sheet of handwritten or typed notes for use during the examination. Note: memory aids must be left on the examination

table and cannot be removed from the examination venue.

Weighting Length

120 minutes

50%

Due Date

Formal Examination Period

Submission Method

Formal Exam

Assessment Criteria

The following criteria will be used to assess your performance in the final exam:

Demonstrated understanding of theory and relevant concepts

Demonstrated ability to solve problems

Accuracy of information/argument

Clarity of expression

Relevance of the answer to the question

Return Method Feedback Provided Not Returned

No Feedback. Examination scripts will not be returned to students. Final examination scripts will be made available for review by students, upon request, in a controlled and monitored setting. Students are required to make requests, directly to the relevant course coordinator. Completed examination scripts are kept by the Newcastle Business School for a period of six (6) months only, from the relevant fully graded date. Requests made after the six (6) month period **cannot** be considered.

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SYLLABUS

Course Content

Topics in the course include but are not limited to the following:

- 1. Accrual Accounting and Discounted Cash Flow Approaches to Valuation
- 2. The Analysis of Profitability and Growth
- 3. Forecasting Earnings and Cash Flow
- 4. Pro-Forma Analysis
- 5. Diagnosis of Accounting Quality

Course Materials

Required Text:

Penman, Stephen H. (2012) *Financial Statement Analysis and Security Valuation*, 5th ed. New York: McGraw Hill.

ISBN: 978-0-07-802531-0

Please refer to the course CANVAS site for details of additional recommended texts.



SCHEDULE

| Week | Topic | Class Preparation | Workshop Activities |
|------|--|------------------------|--|
| 1 | Introduction to Fundamental Analysis | Read: Chapter 1 | |
| 2 | Introduction to Financial Statements | Read: Chapter 2 | |
| 3 | Dividend Analysis and Cash Flow Analysis | Read: Chapters 3 & 4 | |
| 4 | Residual Earnings Model | Read: Chapter 5 | |
| 5 | Taking Valuation Active | Read: Chapters 7 | |
| 6 | In Class Test | | Assessment 2 due: Mid-Term Test – in class Week 6 |
| 7 | Analysis of the Statement of Shareholders Equity, the Balance Sheet and the Income Statement | Read: Chapters 9 &10 | |
| 8 | Analysis of Profitability | Read: Chapter 12 | |
| 9 | Analysis of Growth and Valuation | Read: Chapters 13 & 14 | |
| 10 | Simple Forecasting and Full Pro Forma Analysis | Read: Chapters 15 & 16 | |
| 11 | Earnings Quality | Read: Chapters 17 & 18 | Assessment 3 due: Sunday of week 11 by 11:59 pm |
| 12 | Revision | | |

If a lecture/class is scheduled on a public holiday, a make-up lecture may be announced by the course coordinator on the course CANVAS site.



CONTACTS

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PSB Academy Enquiries

Log your question or request to the PSB Program Executives at the following website:

http://www.psb-academy.edu.sg/enq

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ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

| Range of Marks | Grade | Description |
|---|-----------------------------|--|
| 85-100 | High Distinction (HD) | Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives. |
| (D) and understanding of the relevant materials; de a very high level of academic ability; sound of skills*; and achievement of all assessment objection (C) Good standard indicating a high level of key understanding of the relevant materials; demanding high level of academic achievement; reasonables. | | Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives. |
| | | Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes. |
| 50-64 | Pass (P) | Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes. |
| (FF) compulsory course com | | Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action. |

^{*}Skills are those identified for the purposes of assessment task(s).



Communication Methods

Communication methods used in this course include:

- CANVAS Course Site: Students will receive communications via the posting of content or announcements on the CANVAS course site.
- Email: Students will receive communications via their student email account.
- Face to Face: Communication will be provided via face to face meetings or supervision.

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the Oral Examination (viva) Procedure. In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the Student Conduct Rule. All students are required to meet the academic integrity standards of the University. These

Academic Misconduct

the student's own work the case will be dealt with under the <u>Student Conduct Rule</u>. All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to https://policies.newcastle.edu.au/document/view-current.php?id=35.

Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

- 1. the assessment item is a major assessment item; or
- the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
- 3. you are requesting a change of placement; or
- 4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstances Affecting Assessment Items Procedure available at:

https://policies.newcastle.edu.au/document/view-current.php?id=236

Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at https://www.newcastle.edu.au/current-students/no-room-for/policies-and-procedures that support a safe and respectful environment at the University.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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