

NUDI3220: Clinical Nutrition 1

Callaghan

Semester 1 - 2024



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description	Examines nutrition as it relates to the prevention and treatment of disease. The course deals with the nutritional aspects of diseases and clinical disorders by integrating students' existing knowledge of physiology, biochemistry and food science.
Academic Progress Requirements	<p>This course is a compulsory program requirement and is monitored for academic progress purposes. The course must be completed to progress in the program or meet other program requirements.</p> <p>Failure or withdrawal from this course will result in students being considered under the Student Academic Progress Procedure.</p>
Requisites	This course is only available to students enrolled in the B Nutrition & Dietetics (Honours) 12339 program. Students must have successfully completed NUDI2110, NUDI2200, HUBS1403, HUBS2207, HUBS2505, CHEM1010.
Assumed Knowledge	HUBS2503
Contact Hours	Callaghan Lecture Face to Face On Campus 2 hour(s) per week(s) for 13 week(s) starting Week 1 Tutorial Face to Face On Campus 2 hour(s) per week(s) for 13 week(s) starting Week 1 Laboratory Face to Face On Campus 2 hour(s) per week(s) for 1 week(s) – week 5 Laboratory Face to Face On Campus 4 hour(s) per week(s) for 1 week(s) – week 10 *There is an expectation that students attend all tutorials, laboratory sessions and workshops in the third-year NUDI coded courses in the Bachelor of Nutrition and Dietetics (Honours). For NUDI3220, this will involve attendance at a minimum of 80% of sessions (i.e., 10 of the 13 tutorials and both laboratory sessions). A class role will be taken at all sessions. Any student not attending will be followed up by the course coordinator.
Unit Weighting	10
Workload	Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

COURSE OUTLINE

www.newcastle.edu.au

CRICOS Provider 00109J

CONTACTS

Course Coordinator	Callaghan Mrs Kelly Squires Kelly.Squires@newcastle.edu.au 02 49854012 Consultation: before and after class, via email or by appointment
Teaching Staff	Other teaching staff will be advised on the course Canvas site.
School Office	School of Health Sciences Room 302, ICT Building Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053

SYLLABUS

Course Content	<ol style="list-style-type: none">1. Nutritional Assessment2. Overweight and Obesity3. Diabetes4. Cardiovascular disease5. Endocrine and thyroid conditions6. Malnutrition7. Oncology8. Neurological conditions9. Nutritional support methods (oral nutrition supplements, enteral feeding, texture modification)
Course Learning Outcomes	<p>On successful completion of this course, students will be able to:</p> <ol style="list-style-type: none">1. Demonstrate a knowledge of nutrition principles and their application to disease prevention and treatment in adults.2. Demonstrate knowledge of medical and nutritional terminology associated with a variety of nutrition-related disease states.3. Demonstrate principles of nutrition assessment associated with nutrition-related diseases and conditions.4. Organise and assess information related to the health and nutritional status of individuals using the Nutrition Care Process.5. Demonstrate interpretation of nutrition assessment information for nutrition intervention.
Course Materials	Details of recommended resources will be provided on the course Canvas site.

COMPULSORY REQUIREMENTS

In order to pass this course, each student must complete ALL of the following compulsory requirements:

Course Assessment Requirements:

To pass the course, students must obtain at least 50% in the final exam. In addition, a minimum of 50% of the total weighted assessment marks is required.

ASSESSMENTS

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

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Class quiz	Week 5, Thursday 28 th March, 11.59 pm	Individual	15%	1, 2, 3, 5
2	Laboratory assignment 1	Week 6, Friday 5 th April, 5.00 pm	Individual	15%	1, 2, 3, 4, 5
3	Laboratory assignment 2	Week 11, Friday 24 th May, 5.00 pm	Individual	20%	1, 2, 3, 4, 5
4	Formal Exam*	Formal examination period	Individual	50%	1, 2, 3, 4, 5

* This assessment has a compulsory requirement.

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 - Class quiz

Assessment Type Description

Quiz

An online quiz with short answer questions to reflect on learning from the week five interprofessional laboratory with speech pathology students. The quiz will be available in week five from 8.00 am Monday, 25th March, until 11.59 pm Thursday, 28th March. This will allow students time to review the quiz requirements prior to the week five laboratory, utilise time within the laboratory to discuss and answer questions in conjunction with the speech pathology students and then complete a reflection regarding the dietitian's role in an interprofessional team after the laboratory. Students are encouraged to use the time in the laboratory to speak to the course coordinator. Additional support will be available during this week via email. Please email kelly.squires@newcastle.edu.au.

Weighting

15%

Due Date

Week 5, Thursday 28th March, 11.59 pm

Submission Method

Online via Canvas

Assessment Criteria

Students will use the information they obtained during the laboratory session to reflect on the role of a speech pathologist and dietitian in a clinical setting.

Return Method

Online via Canvas

Feedback Provided

Students will receive feedback using the online rubric, and general feedback will be provided on Canvas for all students.

Opportunity to Reattempt

Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 2 - Laboratory assignment (1)

Assessment Type Description

Written assignment

This individual assignment will be a case study based on content covered in weeks one to five of the course. The assessment will provide students the opportunity to demonstrate knowledge and skills regarding the application of the Nutrition Care Process and assessment of information related to the health & nutritional status of individuals in an acute care setting.

Weighting

15%

Due Date

Week 6, Friday 5th April, 5.00 pm

Submission Method

Online via Canvas

Assessment Criteria

Students will be assessed on their knowledge and application of the course material.

Return Method	Online via Canvas
Feedback Provided	Individual assignments will receive feedback using the online rubric, and general feedback will be provided on Canvas
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 3 - Laboratory assignment (2)

Assessment Type	Written assignment
Description	This individual assignment will be a case study based on content covered in weeks one, two, eight to ten of the course. The assessment will provide students the opportunity to demonstrate knowledge and skills regarding the application of the Nutrition Care Process and assessment of information related to the health & nutritional status of individuals in an outpatient health care setting.
Weighting	20%
Due Date	Week 11, Friday 24 th May 5.00 pm
Submission Method	Online via Canvas
Assessment Criteria	Students will be assessed on their knowledge and application of the course material.
Return Method	Online via Canvas
Feedback Provided	Individual assignments will receive feedback using the online rubric, and general feedback will be provided on Canvas
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 4 - Formal Exam

Assessment Type	Formal Examination
Description	An invigilated exam with multiple choice and case study-based questions assessing content from weeks one to twelve of the course.
Weighting	50%
Compulsory Requirements	Pass requirement - Must pass this assessment item to pass the course.
Due Date	During the formal examination period
Submission Method	N/A
Assessment Criteria	Students will be assessed on their knowledge and application of the course material.
Return Method	This is a non-returnable assessment item.
Feedback Provided	N/A
Opportunity to Reattempt	In the event of failing this assessment item, students WILL be given one (1) opportunity to reattempt this assessment. Any reattempt will only be eligible to receive a maximum total of 50% of the available marks.

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.
75-84	Distinction (D)	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.
65-74	Credit (C)	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.

0-49	Fail (FF)	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.
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*Skills are those identified for the purposes of assessment task(s).

Communication Methods

Communication methods used in this course include Canvas and verbal communication in lectures, tutorials and labs. Students can discuss issues with the Course Coordinator during class times, via email or by appointment times as needed. Please check Canvas regularly for announcements. All materials will be posted on this site.

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](#).

Academic Misconduct

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
2. 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 Circumstance 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/respect-at-uni/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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