

Subject Outline

Subject Name:	Nutritional Medicine Clinical Practicum 2a
Subject Code:	NMDC323
Award(s):	Bachelor of Health Science (Nutritional Medicine)
Core/ Elective:	Core – 6 credit points
Pre/co-requisites:	NMDC311, SOCI221, NMDA311, NMDD221, NMDD312, Current Apply First Aid Certificate, Working with Children Check (Perth: National Police Certificate)
Student Workload:	117 hours face to face 108 hours self-directed study
Delivery Mode:	<p>Full Time and Part Time</p> <p>Face to face</p> <ul style="list-style-type: none"> 3 x 3 hours supervised clinical practicum <p>Intensive Delivery</p> <ul style="list-style-type: none"> Summer School - contact hours are delivered over 6 weeks with three 6.5 hour days each week. Assessments: Progressive clinic logs due progressively from week 3; mid-block clinic review conducted in week 4.
Subject Coordinator:	Moira Bradfield (Gold Coast Campus)
Subject Rationale:	<ul style="list-style-type: none"> This subject further integrates accumulated knowledge and skills from previous Nutritional Medicine subjects and their application within a practical clinical setting under a supervisory process. Students refine their roles and responsibilities associated with the demands of a clinical practitioner. The supervisor assigned to the clinic observes, monitors and evaluates students in practice to ensure quality and ethical work standards are demonstrated. Students will be assessed for their professional interaction and communication skills in client case taking that underpin their clinical performance with their supervisors, clinic assistants and student peers. Students apply evidence-based practice within their case taking to establish treatment aims and nutritional and dietary prescription. This unit places an emphasis on developing the professional framework initiated from Clinical Practicum 1 by validating an individual's case history through on-going self-reflection. Through analysis of data students will recognise important aspects of case taking for the purpose of determining appropriate clinical examinations required for the diagnosis. Nutritional Medicine Clinical Practicum 2a prepares the students to achieve an appropriate professional standard for integration into private clinical practice. This subject requires 100% attendance.

Learning Outcomes:

1.	Apply nutritional and dietary principles and therapeutics to the clinical management of the client and critically evaluate own performance in this application.
2.	Conduct and observe Nutritional Medicine consultations to elicit clinical data essential for the management of nutritional medicine clients and incorporate the necessary knowledge, skills and attitudes of evidence based practice.
3.	Critically evaluate the data for the purpose of determining appropriate clinical examinations required for the diagnosis.
4.	Establish appropriate treatment aims and complete a nutritional and dietary prescription.
5.	Critically evaluate own theoretical and practical skills with reference to research and evidence-based practices.

Content:

Week	Clinic Practicum (3 x 3 hr. sessions weekly)
1.	<p>Session 1 Introduction to Clinical Practicum (1 x 3 hr. session):</p> <ul style="list-style-type: none"> • WHS Orientation – Safety, Evacuation, Incident reporting, Legalities, Adverse reactions, Risk management • Introduction to the subject. Subject outline, subject rationale, assessment, and student resources. • Orientation of the clinic and dispensary. • Familiarise students with Endeavour Clinic Handbook and Professional Requirements. <p>Completion of on-line Clinic Orientation quiz</p>
	<p>Sessions 2 & 3 Clinic Practicum (2 x 3 hr. sessions):</p> <ul style="list-style-type: none"> • Students participate in clinical consultations and observations, patient and practitioner communication and interaction, case taking, diagnosis and treatment regimes. • This includes regular practice of clinical examination skills, interpretation of biomedical tests and functional test results. • It also includes the practice of holistic diagnostic techniques • Clinical practice includes clinical management skills, dispensing and reception duties • Debrief
2 - 7.	<p>Clinic Practicum (3 x 3 hr. sessions):</p> <ul style="list-style-type: none"> • Students participate in clinical consultations and observations, patient and practitioner communication and interaction, case taking, diagnosis and treatment regimes. • This includes regular practice of clinical examination skills, interpretation of biomedical tests and functional test results. • It also includes the practice of holistic diagnostic techniques • Clinical practice includes clinical management skills, dispensing and reception duties • Debrief

	<p>NON-TEACHING WEEK</p> <p>Semester 1 - This aligns with the week after Easter so it may fall between weeks 6 to 8.</p> <p>Semester 2 - The break week falls between Weeks 7 and 8.</p>
8 – 13.	<p>Clinic Practicum (3 x 3 hr. sessions):</p> <ul style="list-style-type: none"> • Students participate in clinical consultations and observations, patient and practitioner communication and interaction, case taking, diagnosis and treatment regimes. • This includes regular practice of clinical examination skills, interpretation of biomedical tests and functional test results. • It also includes the practice of holistic diagnostic techniques • Clinical practice includes clinical management skills, dispensing and reception duties • Debrief
14 - 15.	<p>Non-Teaching Weeks / Practical Exam Weeks. Note that make-up classes may be scheduled in these weeks.</p>
16 – 17.	<p>Final Exam Weeks (there is no final exam for this subject)</p>

Set Text Requirements:

1. Endeavour College of Natural Health white coat with embroidered logo (available from College bookstore).
2. Mahan, L. K., & Raymond, J. L. (Eds.) (2016). <i>Krause's food & the nutrition care process</i> (14th ed.). St. Louis, MO: Elsevier.
3. Equipment: Thermometer, Sphygmomanometer, Stethoscope, Timing Device, Otoscope, Penlight, Reflex Hammer, Measuring Tape
4. Endeavour Student Clinic Handbook

Recommended readings:

1. Braun, L., & Cohen, M. (2014). *Herbs and natural supplements, an evidence-based guide* (4th ed., Vols. I – II). Sydney, NSW: Churchill Livingstone Elsevier. [ebook available]
2. Bryant, B., & Knights, K. (2014). *Pharmacology for health professionals* (4th ed.). Sydney, NSW: Mosby Elsevier. [ebook available]
3. Croxford, S., Itsiopoulos, C., Forsyth, A., Belski, R., Thodis, A., Shepherd, S., & Tierney, A. (2015). *Food and nutrition throughout life*. Crows Nest, NSW: Allen & Unwin.
4. Gropper, S. S., & Smith, J. L. (2017). *Advanced nutrition and human metabolism* (7th ed.). Belmont, CA: Wadsworth Cengage Learning.
5. Hoffman, T., Bennett, S., & Del Mar, C. (2013). *Evidence-based practice across health professions* (2nd ed.). Sydney, NSW: Churchill Livingstone.
6. Sarris, J., & Wardle, J. (Eds.). (2014). *Clinical naturopathy: An evidence-based guide to practice* (2nd ed.). Sydney, NSW: Churchill Livingstone Elsevier. [ebook available]
7. Stargrove, M., Treasure, J., & McKee, D. (2008). *Herb, nutrient and drug interactions*. St Louis, MO: Mosby Elsevier.
8. The Royal College of Pathologist of Australasia. (n.d.). *RCPA manual*. Retrieved from <http://rcpamanual.edu.au/>
9. Whitney, E., Rolfes, S. R., Crowe, T., Cameron-Smith, D., & Walsh, A. (2016). *Understanding nutrition, Australia and New Zealand edition* (3rd ed.). South Melbourne, VIC: Cengage Learning.

Useful Databases:

- Endeavour library databases <https://login.ezproxy.endeavour.edu.au/menu>

Assessments:

Assessment Item	Topic/s	Learning Outcome Assessed	Week Content Delivered	Week Due	Weighting
1. Progressive Clinical Assessment	Students are expected to consistently demonstrate the clinical knowledge, skills and judgments necessary for this level of Nutritional Medicine clinical practice. Students clinical practice knowledge, skills, professional and ethical conduct and judgment is therefore progressively assessed with each session. Feedback is provided to the student during the semester.	1,2,3,4,5,6,7,8	1-13	Ongoing in all clinic sessions. Mid-semester review in the week prior to mid-semester break. Final review in Week 13.	100% See important note below
2. Reflective Clinical and Evidence Based Practice Log 500 words per client, 4 logs required per 39 hrs (12 logs total)	The logs are a summary of case taking, prescription, clinical question and research evidence in relation to the case.	1,2,3	1-12	2-13 Submit one log weekly to alternating supervisors	S/F
On-line Clinic Orientation Quiz	100% must be achieved to be successful in this component			1	S/F
Attendance	100% attendance is required				S/F

Important Note: Per the Attendance Policy, all clinic subjects (including clinical skills and clinic workshops) have a 100% attendance requirement. Students can miss up to the equivalent of one full week of scheduled sessions (e.g., can miss two sessions in the semester for a clinic subject that meets twice per week), but *only with a certificate from a qualified health practitioner or an application for Special Consideration*. All missed sessions must be made up by no later than Week 3 of the following semester, although every effort should be made to make up missed sessions before the end of the current semester to avoid receiving an Incomplete grade. Failure to make up missed sessions prior to Week 3 of the following semester will result in conversion of the 'Incomplete' grade to a 'Failure'. *Any student who misses more than the allowable number of sessions in a semester will be required to withdraw from the clinic subject immediately.*