

SUBJECT OUTLINE



Subject Name:

Chinese Clinical Medicine 2

Subject Code:

CMAC223

SECTION 1 – GENERAL INFORMATION

Award/s:

Bachelor of Health Science (Acupuncture)

Total course credit points:

128

Level:

2nd Year

Duration:

1 Semester

Subject Coordinator: Dr Li Liao (Melbourne campus)

Subject is: Core

Subject Credit Points: 4

Student Workload:

No. timetabled hours per week: 6	No. personal study hours per week: 4	Total hours per week: 10
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Delivery Mode:

Face to face 4 hours lecture 2 hours practical
Full Time
Part time

Pre-requisites: CMAC212, CMAC211, BIOC211

Co-requisites: Nil

Special resource requirements: Two bath-sheet sized towels per student (Clinic towels must not be used)
Endeavour College approved Acupuncture Kit

SECTION 2 – ACADEMIC DETAILS

Subject Rationale

In this subject the clinical concepts, skills and judgements associated with traditional Chinese medicine internal medicine are presented. Learning initially focuses on a comparison of key disorders that are considered from both a Chinese medicine and biomedical perspective. Symptoms, signs, clinical assessments, investigations, and levels of practice evidence lead discussion around treatment prescription, prognosis and the practical acupuncture sessions where techniques are applied. By subject conclusion a holistic understanding of traditional Chinese medicine internal medicine will have been developed.

Learning Outcomes

1. Understand the TCM classification of internal disease
2. Apply skill in identifying and interpreting key data necessary to make an accurate Chinese medicine diagnosis.
3. Compare and contrast pattern differentiations, treatment principles, and acupuncture treatments for various internal diseases.
4. Apply pattern differentiation to a variety of case studies.
5. Demonstrate appropriate work health and safety skills during practical application of acupuncture and auxiliary technical skills.
6. Explore the issues of cultural sensitivity and ethical practice throughout the subject.

Assessment Tasks

Type	Learning Outcomes Assessed	Session Content Delivered	Session Due	Weighting
Continuous Skill Development (rubric-based)	1-6	1-26	1-26	Pass/Fail

Written Assignment (2000 words)	1-4	1-12	Sunday following Session 14	30%
Practical Assessment (30 minutes)	4-6	1-26	Practical Exam Period	20%
Final Written Exam (2 hours)	1-4	1-26	Final Exam Period	50%

Prescribed readings:

1. Chinese Medicine Board of Australia. (2017). *Infection prevention and control guidelines for acupuncture practice*. Retrieved from <http://www.chinesemedicineboard.gov.au/Codes-Guidelines/Infection-prevention.aspx>
2. Shi, A. (2011). *Essentials of Chinese medicine: Internal medicine* (2nd ed.). Walnut, CA: Bridge Publishing Group.

Recommended readings:

1. Maciocia, G. (2008). *The practice of Chinese medicine: Treatment of disease with acupuncture and Chinese herbs* (2nd ed.). Edinburgh, Scotland: Elsevier Churchill Livingstone. [ebook available]
2. Maclean, W., & Lyttleton, J. (1998). *Clinical handbook of internal medicine: The treatment of disease with traditional Chinese medicine, volume one, lung, kidney, liver, heart*. Sydney, NSW: University of Western Sydney.
3. Maclean, W., & Lyttleton, J. (2002). *Clinical handbook of internal medicine: The treatment of disease with traditional Chinese medicine, volume two, spleen and stomach*. Sydney, NSW: University of Western Sydney.
4. Maclean, W., & Lyttleton, J. (2010). *Clinical handbook of internal medicine: The treatment of disease with traditional Chinese medicine, volume three, blood, fluid and channel disorders*. Ulladulla, NSW: Pangolin Press.
5. Wang, J. Y., & Robertson, J. (2008). *Applied channel theory in Chinese medicine*. Seattle, WA: Eastland Press.
6. Unschuld, P. (2011). *Huang di nei jing su wen*. Berkley, CA: University of California Press. [ebook available]

Subject Content		
Week	Lecture	Practical
1.	Session 1 Introduction to TCM internal medicine. TCM classification of internal disease General TCM diagnostic procedures, diagnostic differentiation and diagnostic tools in internal medicine.	Library tutorial (academic writing and research skills)
	Session 2 Disorders of internal medicine (common cold and influenza based lung pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (common cold and influenza based lung pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (common cold and influenza based lung pathologies) with acupuncture and auxiliary techniques.

2.	<p>Session 3</p> <p>Disorders of internal medicine (cough based lung pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (cough based lung pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations <p>Management of internal medicine (cough based lung pathologies) with acupuncture and auxiliary techniques.</p>
	<p>Session 4</p> <p>Disorders of internal medicine (wheezing and breathlessness based lung pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (wheezing and breathlessness based lung pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (wheezing and breathlessness based lung pathologies) with acupuncture and auxiliary techniques.</p>
3.	<p>Session 5</p> <p>Disorders of internal medicine (sleep disorder based heart pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (sleep disorder based heart pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (bronchitis and lung abscess based lung pathologies) with acupuncture and auxiliary techniques.</p>
	<p>Session 6</p> <p>Disorders of internal medicine (palpitation based heart</p>	<p>Assessment of internal medicine (palpitation based heart pathologies):</p>

	pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (sleep disorders, palpitations and chest pain based heart pathologies) with acupuncture and auxiliary techniques.
4.	Session 7 Disorders of internal medicine (chest painful obstruction based heart pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (chest painful obstruction based heart pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (stomach pain, acid regurgitation, abdominal distension based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.
	Session 8 Disorders of internal medicine (stomach pain and acid regurgitation based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (stomach pain and acid regurgitation based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques: <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (abdominal pain and nausea/vomiting based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.

5.	<p>Session 9</p> <p>Disorders of internal medicine (abdominal pain, abdominal distension and nausea/vomiting based spleen, stomach and intestinal pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (abdominal pain, abdominal distension and nausea/vomiting based spleen, stomach and intestinal pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (dysphagia and hiccough based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.</p>
	<p>Session 10</p> <p>Disorders of internal medicine (dysphagia and hiccough based spleen, stomach and intestinal pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (dysphagia and hiccough based spleen, stomach and intestinal pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (dysphagia and hiccough based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.</p>
6.	<p>Session 11</p> <p>Disorders of internal medicine (constipation based spleen, stomach and intestinal pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (constipation based spleen, stomach and intestinal pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (constipation based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.</p>
	Session 12	Assessment of internal medicine (diarrhoea and

	Disorders of internal medicine (diarrhoea and dysenteric based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	dysenteric based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (diarrhoea and dysenteric based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques
7.	Session 13 Disorders of internal medicine (irritable bowel syndrome based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (irritable bowel syndrome based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (irritable bowel syndrome based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.
	Session 14 Disorders of internal medicine (inflammatory bowel disease based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (inflammatory bowel disease based spleen, stomach and intestinal pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (inflammatory bowel disease based spleen, stomach and intestinal pathologies) with acupuncture and auxiliary techniques.
NON-TEACHING WEEK (note that make-up classes may be scheduled in this week)		

Semester 1 - This aligns with the week after Easter so it may fall between weeks 6 to 8.		
Semester 2 - The break week falls between Weeks 7 and 8.		
8.	Session 15 Disorders of internal medicine (jaundice and hypochondriac pain based liver and gall bladder pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (jaundice and hypochondriac based liver and gall bladder pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (jaundice and hypochondriac based liver and gall bladder pathologies) with acupuncture and auxiliary techniques.
	Session 16 Disorders of internal medicine (headache, dizziness and vertigo based liver and gall bladder pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (headache, dizziness and vertigo based liver and gall bladder pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (headache, dizziness and vertigo based liver and gall bladder pathologies) with acupuncture and auxiliary techniques.
9.	Session 17 Disorders of internal medicine (epilepsy based liver and gall bladder pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (epilepsy based liver and gall bladder pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (epilepsy based liver and gall bladder pathologies) with acupuncture and auxiliary techniques.

	<p>Session 18</p> <p>Disorders of internal medicine (tremors based liver and gall bladder pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (tremors based liver and gall bladder pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (tremors based liver and gall bladder pathologies) with acupuncture and auxiliary techniques.</p>
10.	<p>Session 19</p> <p>Disorders of internal medicine (wind stroke based liver and gall bladder pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (wind stroke based liver and gall bladder pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. <p>Management of internal medicine (wind stroke based liver and gall bladder pathologies) with acupuncture and auxiliary techniques.</p>
	<p>Session 20</p> <p>Disorders of internal medicine (painful urination syndrome and difficult urination/urinary retention based kidney and bladder pathologies):</p> <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<p>Assessment of internal medicine (painful urination syndrome and difficult urination/urinary retention based kidney and bladder pathologies):</p> <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests and • Imaging and investigations. <p>Management of internal medicine (painful urination syndrome and difficult urination/urinary retention based kidney and bladder pathologies) with acupuncture and auxiliary techniques.</p>

11.	Session 21 Disorders of internal medicine (frequent urination/incontinence and oedema based kidney and bladder pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (frequent urination/incontinence and oedema based kidney and bladder pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (frequent urination/incontinence and oedema based kidney and bladder pathologies) with acupuncture and auxiliary techniques.
	Session 22 Disorders of internal medicine (seminal emission and impotence based kidney and bladder pathologies): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of internal medicine (seminal emission and impotence based kidney and bladder pathologies): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of internal medicine (seminal emission and impotence based kidney and bladder pathologies) with acupuncture and auxiliary techniques.
12.	Session 23 Disorders of Qi, Xue and Jin Ye (haemorrhage and sweating syndrome): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of Qi, Xue and Jin Ye (haemorrhage and sweating syndrome): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of Qi, Xue and Jin Ye (haemorrhage and sweating syndrome) with acupuncture and auxiliary techniques.
	Session 24 Disorders of Qi, Xue and Jin Ye (aggregation,	Assessment of Qi, Xue and Jin Ye (aggregation, accumulation and tympanic abdominal distension):

	accumulation and tympanic abdominal distension): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	<ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of Qi, Xue and Jin Ye (aggregation, accumulation and tympanic abdominal distension) with acupuncture and auxiliary techniques.
13.	Session 25 Disorders of Qi, Xue and Jin Ye (wasting and thirsting syndrome): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of Qi, Xue and Jin Ye (wasting and thirsting syndrome): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of Qi, Xue and Jin Ye (wasting and thirsting syndrome) with acupuncture and auxiliary techniques.
	Session 26 Disorders of Qi, Xue and Jin Ye (fever due to internal damage): <ul style="list-style-type: none"> • Anatomy & associated channels/collaterals • Chinese medicine aetiologies • Chinese medicine pathogenesis • Clinical signs • Special testing • Imaging and investigations • Chinese medicine diagnosis • Biomedical diagnosis • Chinese medicine prescription • Cautions and contraindications • Level of evidence • Prognosis 	Assessment of Qi, Xue and Jin Ye (fever due to internal damage): <ul style="list-style-type: none"> • Clinical signs • Physical examinations and tests • Imaging and investigations. Management of Qi, Xue and Jin Ye (fever due to internal damage) with acupuncture and auxiliary techniques.
14-15.	Non-Teaching / Practical Exam Weeks. Note that make-up classes may be scheduled during these weeks.	
16-17.	Final Exam Weeks 1 & 2 Please refer to your Campus Timetable for the exact time and day of the final exam	