SECTION 1 – GENERAL INFORMATION

Award/s:

Bachelor of Health Science (Acupuncture) 128 2nd Year

Duration: 1 Semester

Subject Coordinator: Beau Mannix (Gold Coast Campus)

Subject is: Core

Subject Credit Points: 2

Student Workload:

<table>
<thead>
<tr>
<th>No. timetabled hours per week:</th>
<th>No. personal study hours per week:</th>
<th>Total hours per week:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>

Delivery Mode:

Face to Face (On Campus)

1 x 2 hour lecture

1 x 1 hour practical

Pre-requisites:

BIOH111, CMAC213

Co-requisites:

CMAC221

Special Resource Requirements:

Flat soled, closed toe leather footwear or approved equivalent

Two bath-sheet sized towels per student (Clinic towels must not be used)

SECTION 2 – ACADEMIC DETAILS

Subject Rationale

In this subject the clinical concepts, skills and judgements associated with Chinese medicine traumatology and orthopaedics are presented. Western Medical perspectives of these conditions will also be highlighted in order to equip students with the necessary knowledge to interpret Western Medical investigative reports and diagnosis of these conditions. 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 traumatology and orthopaedics from a Chinese medicine perspective has developed from students’ ability to analyse, diagnose and treat musculoskeletal disorders using acupuncture and allied techniques.
Learning Outcomes

1. Define and interpret key data necessary to make an accurate Chinese medicine diagnosis.
2. Contrast and discuss the Traditional Chinese Medicine (TCM) approaches employed in the diagnosis and management of musculoskeletal disorders and sports injuries.
3. Differentiate symptom patterns and develop a Chinese medicine diagnosis, treatment principle, treatment prescription and prognosis for determined musculoskeletal disorders and conditions.
4. Apply treatment prescription using acupuncture and allied techniques.
5. Effectively demonstrate diagnostic palpation techniques and commonly used orthopaedic assessments for musculoskeletal disorders and sports injuries.
6. Adhere to work, health and safety guidelines and infection, prevention and control guidelines for acupuncture practice as defined by CMBA.
7. Evaluate patient individual needs and modify practices showing due respect for privacy, cultural and other differences in line with CMBA Code of Conduct.

Assessment Tasks

<table>
<thead>
<tr>
<th>Type</th>
<th>Learning Outcomes Assessed</th>
<th>Session Content Delivered</th>
<th>Due</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Skill Development</td>
<td>1-7</td>
<td>1-13</td>
<td>Sessions 1-13</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>(80% attendance and active participation required)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Written Assignment</td>
<td>1-3</td>
<td>1-6</td>
<td>Week 6</td>
<td>30%</td>
</tr>
<tr>
<td>(1500-2000 words)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practical Exam</td>
<td>1, 5-7</td>
<td>1-13</td>
<td>Practical Examination Period</td>
<td>20%</td>
</tr>
<tr>
<td>Final Written Exam</td>
<td>1-3</td>
<td>9-14</td>
<td>Final Examination Period</td>
<td>50%</td>
</tr>
<tr>
<td>(2 hours)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All written assessments and online quizzes are due at 11:55 p.m. Sunday and submitted through the LMS.

Prescribed Readings:

Recommended Readings:


---

<table>
<thead>
<tr>
<th>Week</th>
<th>Lectures</th>
<th>Tutorials / Practicals</th>
</tr>
</thead>
</table>
| 1.   | Introduction (Subject Outline / Subject Aims / Assessment / Teaching Resources)  
- Definition of Western Medicine terms  
- Discussion of TCM orthopaedic terms  
- Introduction to traumatology classification, features and main components of both TCM and Western Medical perspectives  
- Precautions and contraindications  
- Key TCM traumatology and orthopaedic methods and techniques  
- Acupuncture  
- Moxibustion  
- Cupping  
- Gua sha  
- Tui na  
- Electro acupuncture  
- Laser acupuncture  | Examination using palpation techniques |
| 2.   | Overview of aetiology, pathogenesis, assessment, diagnosis and treatment methods of musculoskeletal disorders and sports injuries  | Postural analysis assessment  
- Identify key postural disorders (static)  
- Identify key human gait abnormalities (moving) |
| 3.   | Overview of the human body from a TCM perspective  
- Investigation of factors that affect human posture  
- Postural analysis overview  | Assessment of the ankle and foot  
- Clinical signs  
- Range of movement  
- Special tests  
- Imaging and investigations |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anatomy &amp; associated channels/collaterals</strong></td>
<td><strong>Anatomy &amp; associated channels/collaterals</strong></td>
<td><strong>Anatomy &amp; associated channels/collaterals</strong></td>
</tr>
<tr>
<td>Chinese medicine aetiologies</td>
<td>Chinese medicine aetiologies</td>
<td>Chinese medicine aetiologies</td>
</tr>
<tr>
<td>Chinese medicine pathogenesis</td>
<td>Chinese medicine pathogenesis</td>
<td>Chinese medicine pathogenesis</td>
</tr>
<tr>
<td>Clinical signs</td>
<td>Clinical signs</td>
<td>Clinical signs</td>
</tr>
<tr>
<td>Range of movement</td>
<td>Range of movement</td>
<td>Range of movement</td>
</tr>
<tr>
<td>Special testing</td>
<td>Special testing</td>
<td>Special testing</td>
</tr>
<tr>
<td>Imaging and investigations</td>
<td>Imaging and investigations</td>
<td>Imaging and investigations</td>
</tr>
<tr>
<td>Chinese medicine diagnosis</td>
<td>Chinese medicine diagnosis</td>
<td>Chinese medicine diagnosis</td>
</tr>
<tr>
<td>Biomedical diagnosis</td>
<td>Biomedical diagnosis</td>
<td>Biomedical diagnosis</td>
</tr>
<tr>
<td>Chinese medicine prescription</td>
<td>Chinese medicine prescription</td>
<td>Chinese medicine prescription</td>
</tr>
<tr>
<td>Cautions and contraindications</td>
<td>Cautions and contraindications</td>
<td>Cautions and contraindications</td>
</tr>
<tr>
<td>Level of evidence</td>
<td>Level of evidence</td>
<td>Level of evidence</td>
</tr>
<tr>
<td>Prognosis</td>
<td>Prognosis</td>
<td>Prognosis</td>
</tr>
</tbody>
</table>

**Assessment of the knee**
- Clinical signs
- Range of movement
- Special tests
- Imaging and investigations

**Management of the knee**
- Acupuncture
- Allied techniques

**Assessment of the thigh and calf**
- Clinical signs
- Range of movement
- Special tests
- Imaging and investigations

**Management of the thigh and calf**
- Acupuncture
- Allied techniques

**Assessment of the hip, buttock and groin**
- Clinical signs
### Chinese medicine aetiologies

- Range of movement
- Special tests
- Imaging and investigations

### Chinese medicine pathogenesis

Management of the hip, buttock and groin

### Clinical signs

- Acupuncture
- Allied techniques

### Range of movement

- Chinese medicine diagnosis
- Biomedical diagnosis
- Chinese medicine prescription
- Cautions and contraindications
- Level of evidence
- Prognosis

### Special testing

- Range of movement
- Special tests
- Imaging and investigations

### Imaging and investigations

- Management of the hip, buttock and groin
- Acupuncture
- Allied techniques

### Chinese medicine diagnosis

- Prognosis

### Biomedical diagnosis

- Prognosis

### Chinese medicine prescription

- Level of evidence
- Prognosis

### Cautions and contraindications

- Level of evidence
- Prognosis

### Level of evidence

- Prognosis

### Prognosis

- Prognosis

## 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 non-teaching week falls between Weeks 7 and 8

### 8. Disorders of the Back (Thoracic and Lumbar Region)

- Anatomy & associated channels/collaterals
- Chinese medicine aetiologies
- Chinese medicine pathogenesis
- Clinical signs
- Range of movement
- Special testing
- Imaging and investigations
- Chinese medicine diagnosis
- Biomedical diagnosis
- Chinese medicine prescription
- Cautions and contraindications
- Level of evidence
- Prognosis

### Assessment of the back (thoracic and lumbar region)

- Clinical signs
- Range of movement
- Special tests
- Imaging and investigations

### Management of the back (thoracic and lumbar region)

- Acupuncture
- Allied techniques

### 9. Disorders of the Shoulder

- Anatomy & associated channels/collaterals
- Chinese medicine aetiologies
- Chinese medicine pathogenesis
- Clinical signs
- Range of movement
- Special testing
- Imaging and investigations
- Chinese medicine diagnosis

### Assessment of the shoulder

- Clinical signs
- Range of movement
- Special tests
- Imaging and investigations

### Management of the shoulder

- Acupuncture
- Allied techniques
<table>
<thead>
<tr>
<th>Disorders of the Neck</th>
<th>Disorders of the Head and Thorax</th>
<th>Disorders of the Elbow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical diagnosis</td>
<td>Assessment of the neck</td>
<td>Assessment of the elbow</td>
</tr>
<tr>
<td>Chinese medicine prescription</td>
<td>Assessment of the head and thorax</td>
<td>Assessment of the elbow</td>
</tr>
<tr>
<td>Cautions and contraindications</td>
<td>Management of the neck</td>
<td>Management of the elbow</td>
</tr>
<tr>
<td>Level of evidence</td>
<td>Acupuncture</td>
<td>Acupuncture</td>
</tr>
<tr>
<td>Prognosis</td>
<td>Allied techniques</td>
<td>Allied techniques</td>
</tr>
</tbody>
</table>

**10. Disorders of the Neck**

- Anatomy & associated channels/collaterals
- Chinese medicine aetiologies
- Chinese medicine pathogenesis
- Clinical signs
- Range of movement
- Special testing
- Imaging and investigations
- Chinese medicine diagnosis
- Biomedical diagnosis
- Chinese medicine prescription
- Cautions and contraindications
- Level of evidence
- Prognosis

**11. Disorders of the Head and Thorax**

- Anatomy & associated channels/collaterals
- Chinese medicine aetiologies
- Chinese medicine pathogenesis
- Clinical signs
- Range of movement
- Special testing
- Imaging and investigations
- Chinese medicine diagnosis
- Biomedical diagnosis
- Chinese medicine prescription
- Cautions and contraindications
- Level of evidence
- Prognosis

**12. Disorders of the Elbow**

- Anatomy & associated channels/collaterals
- Chinese medicine aetiologies
- Chinese medicine pathogenesis
- Clinical signs
- Range of movement

---

Version: 21.0

Page 6 of 7
<table>
<thead>
<tr>
<th>13. Disorders of the Hand and Wrist</th>
<th>14. Non-Teaching Week/Practical Examination Week 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special testing</td>
<td>Note that make-up classes may be scheduled in this week</td>
</tr>
<tr>
<td>Imaging and investigations</td>
<td></td>
</tr>
<tr>
<td>Chinese medicine diagnosis</td>
<td></td>
</tr>
<tr>
<td>Biomedical diagnosis</td>
<td></td>
</tr>
<tr>
<td>Chinese medicine prescription</td>
<td></td>
</tr>
<tr>
<td>Cautions and contraindications</td>
<td></td>
</tr>
<tr>
<td>Level of evidence</td>
<td></td>
</tr>
<tr>
<td>Prognosis</td>
<td></td>
</tr>
<tr>
<td>Acupuncture</td>
<td>Assessment of the hand and wrist</td>
</tr>
<tr>
<td>Allied techniques</td>
<td></td>
</tr>
<tr>
<td><strong>13.</strong> Disorders of the Hand and Wrist</td>
<td>14. Non-Teaching Week/Practical Examination Week 1</td>
</tr>
<tr>
<td>Anatomy &amp; associated channels/collaterals</td>
<td>Note that make-up classes may be scheduled in this week</td>
</tr>
<tr>
<td>Chinese medicine aetiologies</td>
<td></td>
</tr>
<tr>
<td>Chinese medicine pathogenesis</td>
<td></td>
</tr>
<tr>
<td>Clinical signs</td>
<td></td>
</tr>
<tr>
<td>Range of movement</td>
<td>Management of the hand and wrist</td>
</tr>
<tr>
<td>Special testing</td>
<td></td>
</tr>
<tr>
<td>Imaging and investigations</td>
<td></td>
</tr>
<tr>
<td>Chinese medicine diagnosis</td>
<td></td>
</tr>
<tr>
<td>Biomedical diagnosis</td>
<td></td>
</tr>
<tr>
<td>Chinese medicine prescription</td>
<td></td>
</tr>
<tr>
<td>Cautions and contraindications</td>
<td></td>
</tr>
<tr>
<td>Level of evidence</td>
<td></td>
</tr>
<tr>
<td>Prognosis</td>
<td></td>
</tr>
<tr>
<td>Acupuncture</td>
<td>Assessment of the hand and wrist</td>
</tr>
<tr>
<td>Allied techniques</td>
<td></td>
</tr>
</tbody>
</table>

14. **Non-Teaching Week/Practical Examination Week 1**

Note that make-up classes may be scheduled in this week

15. **Non-Teaching Week/Practical Examination Week 2**

Note that make-up classes may be scheduled in this week

16. **Final Examination Week 1**

Students are required to sit examinations using the Respondus Lockdown Browser software per the [Examination Policy – Higher Education](#). Refer to your local campus calendar for exam opening and closing times.

17. **Final Examination Week 2**

Students are required to sit examinations using the Respondus Lockdown Browser software per the [Examination Policy – Higher Education](#). Refer to your local campus calendar for exam opening and closing times.