



PMSC12005 *Paramedic Medical Emergencies 2*

Term 2 - 2020

Profile information current as at 03/05/2024 03:51 am

All details in this unit profile for PMSC12005 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

In this unit, you will continue to develop your skills in recognising, diagnosing and managing patients presenting with less commonly encountered acute and life-threatening disease processes, throughout the life span. You will integrate your developing knowledge of anatomy and physiology, pathophysiology and pharmacology with patient assessment, diagnostic evaluations and clinical history to formulate a provisional diagnosis. You will use this information to design and implement the most appropriate clinical management in line with contemporary industry guidelines and protocols, and emerging evidence-based practices. Case-based learning combined with high fidelity simulation will contextualise your essential clinical skills, clinical decision making and problem-solving abilities.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisites- PMSC12001 Procedures & Skills in Paramedic Care PMSC11004 Paramedic Medical Emergencies

1 PMSC12004 Advanced Electrophysiology and Coronary Care

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2020

- Mixed Mode

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Written Assessment**

Weighting: 40%

2. **Presentation**

Weighting: 30%

3. **Online Quiz(zes)**

Weighting: 30%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Evaluate comprehensive patient clinical history to formulate a provisional diagnosis
2. Formulate the provisional diagnosis by applying knowledge of underpinning foundational pathophysiology of less commonly encountered acute and life-threatening disease processes
3. Determine the appropriate clinical management including the use of intermediate pharmacology through comprehensive knowledge and demonstration of best-practice clinical interventions.

Justification for the new unit is strongly influenced by industry feedback on first CQUniversity graduate paramedics. By increasing the paramedic-specific focus of this course the graduates will be better prepared for independent on-road practice without additional educational support from the ambulance services. This will strengthen the Paramedic Course's position when seeking full accreditation through proactively seeking industry feedback, and by demonstrating positive and prompt responsiveness to that feedback. It will also assist Paramedics with full registration through the Australian Health Practitioners Regulation Agency (AHPRA) by instilling a core base knowledge that will aid with ongoing professional development into the future.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - Online Quiz(zes) - 30%		•	•
2 - Written Assessment - 40%	•	•	
3 - Presentation - 30%	•		•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
1 - Communication	•	•	•
2 - Problem Solving	•	•	•
3 - Critical Thinking	•	•	•
4 - Information Literacy	•	•	•
5 - Team Work			
6 - Information Technology Competence	•	•	•
7 - Cross Cultural Competence	•		•

Graduate Attributes	Learning Outcomes		
	1	2	3
8 - Ethical practice	•		•
9 - Social Innovation			
10 - Aboriginal and Torres Strait Islander Cultures			

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 30%	•	•	•	•		•	•	•		
2 - Written Assessment - 40%	•	•	•	•		•	•	•		
3 - Presentation - 30%	•	•	•	•		•	•	•		

Textbooks and Resources

Textbooks

PMSC12005

Prescribed

Textbook of Adult Emergency Medicine

Fifth Edition (2020)

Authors: Peter Cameron, Mark Little, Biswadev Mitra, Conor Deasy.

Elsevier

Chatswood , NSW , Australia

ISBN: 978-0-7020-7624-4

Binding: Paperback

Additional Textbook Information

If you prefer to study with a paper copy, they are available at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code). eBooks are available at the publisher's website.

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Computer
- Headphones or speaker and a microphone

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Carl Legros Unit Coordinator

c.legros@cqu.edu.au

Schedule

Drug Therapy for PMSC 12005 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will cover all drugs associated with PMSC12005. Allow two weeks to learn your pharmacology for this unit. You will refer to this topic throughout the whole unit.	Textbook of Adult Emergency Medicine Chapter 22: p.660-664.	

Neurological Emergencies - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will explore neurological emergencies encountered by paramedics.	Textbook of Adult Emergency Medicine Chapter 8: p.352-355, 364-368, 379-382.	Verso discussion opens. Discussions to be posted on the Verso platform this week. Clinical discussions Due: Week 3 Friday (31 July 2020) 11:55 pm AEST

Airway and Respiratory Emergencies - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will explore some airway and respiratory emergencies encountered by paramedics.	Textbook of Adult Emergency Medicine Chapter 6: p.262-267, 272-285.	Verso engagement continues and closes on the 9th of August.

Cardiovascular Emergencies - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will explore some cardiovascular emergencies encountered by paramedics.	Textbook of Adult Emergency Medicine Chapter 5: p.223-237, 254-261.	The poster presentation is due Friday the 14th of August. Podcast/creative video presentation Due: Week 5 Friday (14 Aug 2020) 11:55 pm AEST

Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Enjoy the break!		

Gastrointestinal Emergencies - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will explore some gastrointestinal emergencies encountered by paramedics. Allow two weeks for this topic	Textbook of Adult Emergency Medicine Chapter 7: p.302-335, 339-343.	Second Verso discussion opens on the 31st of August. Discussions to be posted on the Verso platform this week.

Genitourinary Emergencies - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
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This topic will explore some genitourinary emergencies encountered by paramedics.

Textbook of Adult Emergency Medicine
Chapter 9: p.402-408.
Chapter 10 in its entirety.

Verso engagement continues and closes on the 13th of September.

Infectious Disease - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will explore some infectious diseases including some tropical infections	Textbook of Adult Emergency Medicine Chapter 9: p.395-400, 415-432, 444-456.	

Endocrine, Metabolic and Haematologic Emergencies - 21 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
This topic will explore some endocrine, metabolic and haematologic emergencies encountered by paramedics.	Textbook of Adult Emergency Medicine Chapter 11: p.478-487, 497-504.	The quiz will open on Monday the 28th of September and will close on Sunday the 4th of October. Final quiz Due: Week 11 Friday (2 Oct 2020) 11:55 pm AEST

Review/Exam Week - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 19 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Nil exams during exam week.

Assessment Tasks

1 Clinical discussions

Assessment Type

Written Assessment

Task Description

You are required to participate in two (2) different Clinical Discussion Forums (CDF) throughout the unit that correspond with selected topics associated with this unit. A new topic of discussion will be presented every Monday and will close two weeks later on Sunday night at 11:55 pm.

1. Clinical Discussion Forum One: Opens Monday Week Three 27/07/20 9am (closes 09/08/20)
2. Clinical Discussion Forum Two: Opens Monday Week Seven 31/08/20 9am (closes 13/09/20)

The CDF will utilise the 'Verso' education software platform and involve the entire class. Teaching staff will act as moderators for the CDF forums, however, the emphasis of these forums centers around student engagement and interaction as well as student-led constructive and contemporary contribution.

Key points for the Clinical Discussion Forums:

- Students will submit their responses on the VERSO platform by the end of the first week. Students will also need to upload a word document with their VERSO answers through the Moodle assessment page via Turnitin. Questions to peers should be asked in the first week and/or early in the second week to ensure interactivity. Prompt answers to the questions posed by peers are expected during the second week.
- As a minimum, It is expected that you provide a discussion on three different students posts as well as reply to any discussions on your post
- Referencing: Please make sure you are using high-quality journals and avoid using outdated information (more than 10 years old). A minimum of three peer-reviewed journal articles should be used.
- You do need to upload your VERSO answer through the Moodle assessment page via Turnitin. Please submit using a word document.

Students are advised that to attain a passing grade for this unit, ALL assessment items must be completed. Furthermore, a passing grade of 50% must be attained for each assessment. The clinical discussion assessments using the Verso platform are combined meaning that a minimum of 50% between the two discussions must be achieved. Failure to attain this standard will cause an overall 'Fail' grade for this unit. The quiz MUST be completed and submitted by the times indicated in the assessment tasks. In the absence of an approved extension for the quiz, there will be no opportunity to complete the tasks after the specified dates, and there will be no opportunity to apply a late penalty of five percent per day. For the presentation, a 5% per day penalty will be added to all late submissions. Extensions can be submitted but these will be assessed on a case by case basis according to the CQU assessment policy and procedure.

Assessment Due Date

Week 3 Friday (31 July 2020) 11:55 pm AEST

Clinical discussion one opens in week 3 and closes in week 4. Clinical discussion two opens in week 7 and closes in week 8.

Return Date to Students

Week 5 Friday (14 Aug 2020)

Staff will aim to return assessment results within 2 weeks of closing date.

Weighting

40%

Minimum mark or grade

50%

Assessment Criteria

CDF One and Two will be worth 20% each.

Word Count: 300 (+/-10%) for each CDF

Interactivity and Professionalism

Demonstrated prompt and appropriate responses with the posed question. Demonstrated proficiency and professionalism in the ability to address questions or challenges posed by other participants in the forum. Utilised language and dialogue that is expected and appropriate for the health profession. **Maximum Score: 3**

Engagement and Contribution to Dialogue

Demonstrated engagement with the forum and positively contributed to the discussions by addressing or posing questions, acknowledging answers, challenging ideas, stimulated ongoing relevant conversation and added real value to the discussions. Actively improved the learning outcomes for other students as a result of the contributions. **Maximum Score: 3**

Quality of Information

Demonstrated appropriate language, descriptions, structure, references and referencing for the forum posts. Utilised contemporary evidence or teachings in the responses with clear links to clinical or practical implementation. Identified gaps in the evidence to support current clinical practice and/or discuss novel approaches and ideas based on contemporary evidence or clinical practice. **Maximum Score: 9**

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Use the Verso platform. Your discussion should also be submitted on Moodle under the clinical discussion tab using a Word document.

Learning Outcomes Assessed

- Evaluate comprehensive patient clinical history to formulate a provisional diagnosis
- Formulate the provisional diagnosis by applying knowledge of underpinning foundational pathophysiology of less commonly encountered acute and life-threatening disease processes

Graduate Attributes

- Communication
- Problem Solving

- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Podcast/creative video presentation

Assessment Type

Presentation

Task Description

For this piece of assessment, creativity will be put into play. You will be required to create a 5-7 minute presentation on a topic from the list provided below. How you present the topic will be based on the following options:

- 1- Topic presented as an audio podcast show aimed at clinicians (MP3 format only)
- 2- Topic presented in a creative video aimed at clinicians (MP4 format only)

Here are your topics of choice for this assessment:

- 1- Acute peripheral arterial occlusion
- 2- Cauda Equina
- 3- Dystonic reactions
- 4- Malignant hyperthermia

- The podcast show and the creative video should be 5-7 minutes maximum. If the podcast show or the video is less than 4 minutes and 30 seconds you will be penalised at a rate of 5% per 15 seconds. On the other hand, information included after the 7-minute mark will not be viewed and will not be marked as part of your presentation.
- A list of references is to be submitted via Moodle along with your presentation (MP3 or MP4 format). A minimum of 5 peer-reviewed journal article is required for this presentation. The reference list can be in a PDF or Word format and must follow the APA referencing style.

If you chose the podcast format, please read the following:

The podcast should include:

- An introduction to the show
- The topic section
- A closing section of the show

The introduction and the closing section of the podcast are entirely up to you. Be creative and have fun! However, the topic section requirements are as follow:

- Description and definition of the disease
- Clinical features and causes of the disease
- Specific questioning related to the chosen topic you could ask as a practitioner
- In-hospital management
- Pharmacodynamic explanation of the drugs utilised during **in-hospital** treatment

If you chose the creative video, please read the following:

Your creative video can take many forms. It is entirely up to you how you produce this video. For example, you could create a talk show or why not recreate a Grey's Anatomy's episode with your own twist! Let your imagination run free! However, it is unacceptable to simply record your presentation.

The creative video should include:

- An introduction section
- The topic section
- A closing section

The introduction and the closing section of the video are entirely up to you. Be creative and have fun! However, the topic section requirements are as follow:

- Description and definition of the disease
- Clinical features and causes of the disease
- Specific questioning related to the chosen topic you could ask as a practitioner
- In-hospital management
- Pharmacodynamic explanation of the drugs utilised during **in-hospital** treatment

Students are advised that to attain a passing grade for this unit, ALL assessment items must be completed. Furthermore, a passing grade of 50% must be attained for each assessment. The clinical discussion assessments using the Verso platform are combined meaning that a minimum of 50% between the two discussions must be achieved. Failure to attain this standard will cause an overall 'Fail' grade for this unit. The quiz MUST be completed and submitted by the times indicated in the assessment tasks. In the absence of an approved extension for the quiz, there will be no opportunity to complete the tasks after the specified dates, and there will be no opportunity to apply a late penalty of five percent per day. For the presentation, a 5% per day penalty will be added to all late submissions. Extensions can be submitted but these will be assessed on a case by case basis according to the CQU assessment policy and procedure.

Assessment Due Date

Week 5 Friday (14 Aug 2020) 11:55 pm AEST

Return Date to Students

Week 7 Friday (4 Sept 2020)

Staff will aim to return assessments results within 2 weeks of closing date.

Weighting

30%

Minimum mark or grade

50%

Assessment Criteria

Item	HD	D	C	P	F
Criteria of the presentation(35)	All criteria were discussed to a high standard without errors and omission	All criteria were discussed to a high standard with minor errors or omissions	All criteria were discussed to a satisfactory standard and/or 1 criterion not discussed	All criteria were discussed to a satisfactory standard and/or 2 criteria not discussed	All criteria were discussed to a poor standard and/or more than 3 criteria not discussed
Creativity and flow of presentation(10)	Presentation is creative and has a logical flow of content		Presentation is somewhat creative and/or has minor issues with the flow of content		Presentation is not creative and/or has significant issues with the flow of content
Referencing (5)	Perfect APA referencing and includes 5 peer-reviewed articles or more	Minor APA referencing issues and includes 5 peer-reviewed articles or more	Minor APA referencing issues and/or includes 5 peer-reviewed articles	Moderate APA referencing issues and/or includes 4 or less peer-reviewed articles	Major APA referencing and/or includes less than 3 peer-reviewed articles

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Submit on Moodle via turnitin. MP3 or MP4 format only for presentation. Reference list can either be a PDF or Word document. Refer to the task description for further details.

Learning Outcomes Assessed

- Evaluate comprehensive patient clinical history to formulate a provisional diagnosis
- Determine the appropriate clinical management including the use of intermediate pharmacology through comprehensive knowledge and demonstration of best-practice clinical interventions.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

3 Final quiz

Assessment Type

Online Quiz(zes)

Task Description

You will be required to complete an online quiz by Friday of week 11 (opens Friday of week 10). Only one attempt is allowed for this quiz. The duration of the quiz is 1h and 30 minutes. Questions associated with this quiz will be extracted from the content presented in PMSC12005 and this includes, lecture slides, lecture recordings and recommended readings. All topics included in this unit can be used for this assessment. This quiz will include multiple-choice, short and long answer questions. This is NOT an open-book assessment.

Students are advised that to attain a passing grade for this unit, ALL assessment items must be completed. Furthermore, a passing grade of 50% must be attained for each assessment. The clinical discussion assessments using the Verso platform are combined meaning that a minimum of 50% between the two discussions must be achieved. Failure to attain this standard will cause an overall 'Fail' grade for this unit. The quiz MUST be completed and submitted by the times indicated in the assessment tasks. In the absence of an approved extension for the quiz, there will be no opportunity to complete the tasks after the specified dates, and there will be no opportunity to apply a late penalty of five percent per day. For the presentation, a 5% per day penalty will be added to all late submissions. Extensions can be submitted but these will be assessed on a case by case basis according to the CQU assessment policy and procedure.

Number of Quizzes

1

Frequency of Quizzes

Other

Assessment Due Date

Week 11 Friday (2 Oct 2020) 11:55 pm AEST
Quiz will open on Friday the 25th of September.

Return Date to Students

Review/Exam Week Friday (16 Oct 2020)
Staff will aim to return assessments results within 2 weeks of closing date.

Weighting

30%

Minimum mark or grade

50%

Assessment Criteria

Answering the questions correctly will result in full marks. Partial marks can be allocated but are dependant on the question. No partial marks will be allocated for any multiple-choice questions.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Complete quiz on the Moodle page under the assessment tab.

Learning Outcomes Assessed

- Formulate the provisional diagnosis by applying knowledge of underpinning foundational pathophysiology of less commonly encountered acute and life-threatening disease processes
- Determine the appropriate clinical management including the use of intermediate pharmacology through comprehensive knowledge and demonstration of best-practice clinical interventions.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem