Haematology 234 (311403)

Semester Two, 2012

<table>
<thead>
<tr>
<th>Unit study package number:</th>
<th>311403</th>
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<tbody>
<tr>
<td>Mode of study:</td>
<td>Internal</td>
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| Tuition pattern summary:   | 24 x 1 hour Lecture  
2 x 3 hour Practical |
| Credit value:              | 25 credits |
| Pre-requisite units:       | Completion of all first year Laboratory Medicine units. |
| Co-requisite units:        | None |
| Anti-requisite units:      | None |
| Additional Requirements:   | None |
| Result type:               | Grade/Mark |
| Approved incidental fees:  | None |

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<tr>
<th>Scheduled times and Venues:</th>
<th>Please see timetable</th>
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**Unit Coordinator:**  
Name: A/Prof. Phillip Clark  
Phone: (08) 9926 7378  
Email: Phillip.Clark@curtin.edu.au  
Building: Room: 308:201B  
Consultation times: Monday 9am-12pm; otherwise by appointment

**Teaching Staff:**  
Name: Dr George Car  
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Email: George.Car@curtin.edu.au  
Building: Room: 308:217  
Consultation times: TBA

**Learning Management System:**  
FLECS - Blackboard (oasis.curtin.edu.au)
Introduction
The unit Haematology 234 consists of three main areas: General Haematology, Transfusion Science and Coagulation studies (Haemostasis). The subject aids in the development of good laboratory practice in Haematology. Specifically, in the general haematology area, basic haematological concepts will be covered, including blood film morphology (features and interpretation). Transfusion science will cover the areas of basic serological concepts and techniques, and also blood group systems. Coagulation studies gives an introduction to the major blood Coagulation pathways, laboratory screening tests, and anticoagulant therapy. All areas will include both theoretical and practical aspects, such that a multifaceted approach to learning is taken.

Unit Learning Outcomes
On successful completion of this unit students can:

1. Safely perform laboratory procedures adhering to appropriate protocols and quality control procedures.

2. Perform screening and diagnostic procedures in haematology

3. Interpret laboratory data with respect to the diagnosis of haematological disorders.

4. Demonstrate competent use of appropriate laboratory technologies

5. Apply theoretical knowledge to laboratory diagnosis problems.

Curtin’s Graduate Attributes

<table>
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<tr>
<th>Apply discipline knowledge</th>
<th>Thinking skills (use analytical skills to solve problems)</th>
<th>Information skills (confidence to investigate new ideas)</th>
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</thead>
<tbody>
<tr>
<td>Communication skills</td>
<td>Technology skills</td>
<td>Learning how to learn (apply principles learnt to new situations) (confidence to tackle unfamiliar problems)</td>
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<tr>
<td>International perspective (value the perspectives of others)</td>
<td>Cultural understanding (value the perspectives of others)</td>
<td>Professional skills (work independently and as a team) (plan own work)</td>
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Learning Resources

**Recommended Texts**
You do not have to purchase the following textbooks but you may like to refer to them.


**Online Resources**
- Lecture and practical material, and additional learning resources can be found on Blackboard.

Assessment

<table>
<thead>
<tr>
<th>Task</th>
<th>Value (%)</th>
<th>Date due</th>
<th>Unit Learning Outcome(s) assessed</th>
</tr>
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<tbody>
<tr>
<td>Practical Portfolio</td>
<td>10%</td>
<td>Week 13 Thursday</td>
<td></td>
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<tr>
<td>Practical Exam</td>
<td>30%</td>
<td>Week 13 Thursday</td>
<td></td>
</tr>
<tr>
<td>Mid-semester Theory Test</td>
<td>10%</td>
<td>Week 6 Wednesday</td>
<td></td>
</tr>
<tr>
<td>Final Theory Exam</td>
<td>50%</td>
<td>During official exam period:</td>
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Detailed information on assessment tasks

1. **Task 1: Practical Portfolio.** Part of the practical component of Haematology 234 will be assessed as a “Practical folio”. In practical sessions, you will be required to write your reports in PEN. At the end of the prac session a tutorial will be held, and all the different aspects of the prac are discussed. Students are expected to make additional notes and participate in these discussions. At the end of the semester you will be required to hand in your “portfolio”, consisting of all practical exercises and your additional tutorial notes. These reports will make up your folio, and will be the basis of the ongoing assessment for the practical component (10%). This folio of practical reports needs to be submitted on Thursday **week 13** of the semester for marking.

2. **Task 2: Practical Exam.** The final practical examination will consist of a supervised three hour exam to be conducted on Thursday **week 13** of semester 2.

3. **Task 3: Mid-semester Theory Test.** A mid semester theory test will require you to sit a 50 minute test under supervision. You cannot refer to your module notes or workbook during the assessment. The scheduling of the assessments is shown in the study timetable.

4. **Task 4: Final Theory Exam.** The final theory examination will consist of a supervised two hour paper to be conducted during the official university examination period. This will be a closed book exam. No notes or books will be allowed into the examination room.
Late penalties

Students are expected to submit each assessment on or before the due deadline date. Failure to do so will result in a 10% penalty per calendar day (e.g. 10% per day off the ‘total’ marks available – an assignment worth 25 marks will lose 2.5 marks every day it is late). An assignment more than 7 days overdue will not be marked.

Pass requirements

Students should note that a mark of 50% or more in both the theoretical and practical component of the unit is required in order to secure a pass, and that failure in any one area may result in an overall failure in this unit regardless of the total marks accrued. That is, a pass in the practical component but failure in the theory component (or vice versa) may lead to a fail grade for the unit, even though the student's total mark may exceed 50%. In accordance with Curtin policy, students are advised that this unit is a SIGNIFICANT UNIT in which failure twice may lead to termination of a student’s course.

Plagiarism

Plagiarism occurs when work or property of another person is presented as one's own, without appropriate acknowledgement or referencing. Plagiarism is a serious offence. For more information refer to academicintegrity.curtin.edu.au

Plagiarism Monitoring

Work submitted may be subjected to a plagiarism detection process, which may include the use of systems such as ‘Turnitin’. For further information see http://academicintegrity.curtin.edu.au/students/turnitin.cfm.

Additional information

Enrolment:

It is your responsibility to ensure that your enrolment is correct - you can check your enrolment through the eStudent option on OASIS, where you can also print an Enrolment Advice.

Supplementary/Deferred Exams:

Supplementary and deferred examinations are granted by the School of Biomedical Sciences after the Board of Examiners meeting. Notification to students will be made after the Board of Examiners meeting via the Official Communications Channel (OCC) in OASIS. It is the student's responsibility to check their OASIS account for official Curtin correspondence on a weekly basis. If your results show that you have been awarded a supplementary or deferred exam you should immediately check your OASIS email for details.
Student Rights and Responsibilities

It is the responsibility of every student to be aware of all relevant legislation and policies and procedures relating to his or her rights and responsibilities as a student. These include:

- the Student Charter
- the University’s Guiding Ethical Principle
- the University’s policy and statements on plagiarism and academic integrity
- copyright principles and responsibilities
- the University’s policies on appropriate use of software and computer facilities

Information on all these things is available through the University’s “Student Rights and Responsibilities” website at: students.curtin.edu.au/rights.

Recent unit changes

We welcome feedback as one way to keep improving this unit. Students are encouraged to give unit feedback through eVALUate, Curtin’s online student feedback system (http://evaluate.curtin.edu.au/info/index.cfm).