Unit Outline
GEOL3011 Geology Mapping Project
Semester 2, 2016

Unit study package code: GEOL3011
Mode of study: Internal

Tuition pattern summary: Note: For any specific variations to this tuition pattern and for precise information refer to the Learning Activities section.

Fieldwork: 1 x 1 Days Yearly

This unit contains a fieldwork component. Find out more about fieldwork on the work integrated learning (WIL) website at http://ctl.curtin.edu.au/wil/fieldwork/index.cfm, which also contains a link to the Fieldwork Policy and Fieldwork Manual.

Credit Value: 25.0

Pre-requisite units:
- 9776 (v.0) Geological Field Mapping 292 or any previous version
- GEOL2009 (v.0) Geological Field Mapping or any previous version

Co-requisite units: Nil

Anti-requisite units: 303952 (v.0) Geology 394 - Geological Field Mapping or any previous version

Result type: Grade/Mark

Approved incidental fees: Information about approved incidental fees can be obtained from our website. Visit fees.curtin.edu.au/incidental_fees.cfm for details.

Unit coordinator:

Title: Dr
Name: Richard Taylor
Phone: +618 9266 7625
Email: Richard.Taylor@curtin.edu.au
Location: Building: 314 - Room: 153
Consultation times: Rich has other ongoing research commitments. Please contact via email to make an appointment

Teaching Staff:

Name: Chris Clark
Phone: 9266 2446
Email: chris.clark@curtin.edu.au
Location: Building: 312 - Room: 321
Name: Pete Kinny
Phone: 9266 4071
Email: p.kinny@curtin.edu.au
Location: Building: 312 - Room: 320
Name: Chris Kirkland
Phone: 9266 4956
Email: C.Kirkland@curtin.edu.au
Location: Building: 314 - Room: 160
Name: Nick Gardiner
Phone: 9266 1951
Acknowledgement of Country
We respectfully acknowledge the Indigenous Elders, custodians, their descendants and kin of this land past and present.

Syllabus
A field camp of approximately two weeks duration, the location of which varies from year to year. Students undertake independent mapping of an assigned area, and receive advanced training in structural and lithological mapping techniques and in the compilation of a geological map and report.

Introduction
GEOL3011 Geology Mapping Project is the final, field based exercise for the undergraduate course. As such it provides a well rounded and comprehensive set of field challenges, in terms of both mapping and interpretation, covering a large range of subjects relating to the undergraduate course as a whole.

The field aspect of the project will involve mapping in multiply deformed, amphibolite grade psammites, pelites and felsic intrusives. The aim of the field component is to produce a professional standard geological map and set of interpretive cross sections. Following the field course the students will produce a report on their findings in the style of a Geological Survey report, again with the aim of producing a professional standard product. The skills acquired and the assessed components of this unit are geared towards those which are required for a field geologist, or those assessing field programs, in the workplace. Additional components may include a half day mapping exercise and a visit to Broken Hill.

The field camp will be held at Weekeroo Station ~350km NE of Adelaide in the Palaeoproterozoic Curnamona Province

Unit Learning Outcomes
All graduates of Curtin University achieve a set of nine graduate attributes during their course of study. These tell an employer that, through your studies, you have acquired discipline knowledge and a range of other skills and attributes which employers say would be useful in a professional setting. Each unit in your course addresses the graduate attributes through a clearly identified set of learning outcomes. They form a vital part in the process referred to as assurance of learning. The learning outcomes tell you what you are expected to know, understand or be able to do in order to be successful in this unit. Each assessment for this unit is carefully designed to test your achievement of one or more of the unit learning outcomes. On successfully completing all of the assessments you will have achieved all of these learning outcomes.

Your course has been designed so that on graduating we can say you will have achieved all of Curtin’s Graduate Attributes through the assurance of learning process in each unit.
## Field course location

The area to be mapped (~7 km² in total) is centred on the eastern Weekeroo Inlier in the Curnamona Province, which is about 350 km by road northeast of Adelaide. The project mapping will cover a well-exposed portion of a metasedimentary-metaigneous sequence on the northern half of the Weekeroo Inlier.

## Training and preparation

### 8th June

Orientation - excursion information session 12pm 312.207

### 7 September

The Geology of Proterozoic Australia (by Chris Clark)

Room 312.207 at 1300 pm for 1 hour

This session is highly recommended for those who want a background of the mapping area.

## Field program

### 19 September

06:50 Depart Perth airport on QF590 to Adelaide

11:20 Depart Adelaide Airport and travel directly to Weekeroo field area, arrive late afternoon.

---

## On successful completion of this unit students can:

<table>
<thead>
<tr>
<th></th>
<th>Plan execute and complete an independent mapping project in an area of deformed igneous sedimentary and metamorphic rocks with economic potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Synthesise and evaluate project results as an oral presentation to a professional audience</td>
</tr>
<tr>
<td>3</td>
<td>Synthesise the outcomes of a mapping project as a professional-standard geological map and cross-section</td>
</tr>
<tr>
<td>4</td>
<td>Compile a comprehensive explanatory report that documents and evaluates the lithology, structure geological history and economic potential of a mapping project area</td>
</tr>
<tr>
<td>5</td>
<td>Assess health and safety hazards in remote areas and take precautions to minimise risk and preserve environmentally or culturally significant sites</td>
</tr>
</tbody>
</table>

---

## Curtin's Graduate Attributes

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

---

Find out more about Curtin’s Graduate attributes at the Office of Teaching & Learning website: ctl.curtin.edu.au
Commence geological mapping of project areas, continuing through to Thursday 29th September (9 days mapping and field exercises).

In field structural mapping assessment exercise

am: Complete geological mapping (last chance)

pm: Completion of ‘map and cross-section; and commence dismantling camp

Dismantle camp, pack-up all equipment and clean up camp site

Return to Adelaide (leave ~9:00 am), arriving for QF595 or later flight.

NOTE: The in-field program is subject to weather conditions and may be varied during the field trip, except for the departure and return dates.

Learning Resources

Other resources

Field mapping techniques

There is no set textbook for this unit but there are several good reference books that deal with geological mapping techniques in specific geological formations and environment. This includes the following series of pocket-sized handbooks prepared by the Geological Society of London (some published by John Wiley and Sons):


Background reading

The area to be mapped has a long been the focus of academic research and exploration and there are several publications from which to glean information that will assist with geological mapping of the structure, lithology and metamorphism within the area. A selection of relevant publications is listed below.


Assessment

Assessment schedule

<table>
<thead>
<tr>
<th>Task</th>
<th>Value %</th>
<th>Date Due</th>
<th>Unit Learning Outcome(s) Assessed</th>
</tr>
</thead>
</table>
| 1. In-field assessment of proficiency in geological mapping skills   | 10 percent | **Week:** In field  
**Day:** 25/09/2016  
**Time:** 0800-1600 | 1 |
| 2. Documentation of geological field observations and their compilation as a field geological map with cross section | 40 percent | **Week:** In Field  
**Day:** 29/09/2016  
**Time:** 2359 | 1,2 |
| 3. Contribution to camp safety welfare and camp management          | 10 percent | **Week:** In Field  
**Day:** 30/09/2016  
**Time:** 0900 | 5 |
| 4. Geological report and documentation of measurements in a field notebook | 40 percent | **Week:** 13  
**Day:** 28/10/2016  
**Time:** 2359 | 1,3,4 |

Detailed information on assessment tasks

1. **1. In-field assessment of mapping skills (10%)**

   A half day structural mapping exercise under "exam" conditions will be performed during the camp. This will involve:
   
   1. Mapping of a small area determined by staff
   2. Collection of appropriate structural data (bedding, cleavage, fold axes etc)
   3. Plotting and interpretation of data using a stereonet
   4. Construction of a cross-section

2. **2. Field Geological Map (40%)**

   A ‘field geological’ map, with an accompanying representative cross-section, must be compiled whilst in the field and include all appropriate geological legends and symbols. Observations recorded during the day should be transferred from your field maps/slips onto the fair copy map each evening so that the map will ‘build-up’ during the mapping project. The cross-section will be constructed toward the end of the field time.

   This map, with cross-section, will be compiled on drafting film (provided) and is expected to be correct and complete in every aspect, including appropriate legends and symbols.

   The field geological map will be collected before we leave the field area. It will be marked within a few days of returning to Perth so that you can begin preparing the final report.

   In addition to the quality of the geological information presented on the map and cross-section, it is essential that the map also includes all key basic and referencing information.

   **Key features to have on the map, include:**
   
   - Title, north direction and scale
   - Australian map grid and reference to the correct grid system (e.g., GDA94)
   - Geographic features (e.g., roads, tracks, mine workings)
   - Geological boundaries (e.g., observed, approximate, concealed)
   - Appropriate symbols for rock formations
   - Appropriate symbols for structural geology data (e.g., strike/dip of bedding, foliation, cleavage; lineation; etc)
   - Fault and fold structures (e.g., observed, approximate, interpreted)
Standard colouring or shading for rock units
• Comprehensive legends for geographic symbols, geological symbols and rock units
• Legend for rock and regolith units in correct order (i.e., youngest at top)
• Location (i.e. line and end points) of a cross-section

Key features to have on the cross-section, include:
• Title, orientation and scale
• End point identification, and cross-referenced to the map
• Accurate topographic profile using V:H = 1
• Interpreted distribution and structure of the mapped units at depth across the mapped area
• All symbols and rock units the same as on the map
• Corrected for apparent dip

3. 4. Fieldwork safety, contribution, conduct and attitude (10%)
This is assessed on your demonstration of the following essential attributes of a competent field geologist:
• Responsible attitude toward field safety and implementation of safe fieldwork practices
• Responsible attitude toward personal welfare, personal hygiene and camp hygiene
• Contribution to planning, preparation, acquisition and packing/unpacking of field equipment and supplies
• Effective contribution to setting up and dismantling of a camp
• Consideration for your fellow workers in the field and in camp
• Contribution to cooking and cleaning responsibilities
• Professional attitude toward geological mapping

4. Geological report
The report must provide a comprehensive description of the geology of the area mapped, including mapping protocols, descriptions of rock formations, structural interpretation and regional context. An example structure for the report is provided in Attachment 3, but remember that this will vary depending on the location of each mapping project and the various formations that have been mapped.

The report is expected to be of an industry standard, using the GSWA reports as a guide as to what is expected and how to set it out.

The text of the report must be succinct, yet complete. It should be based essentially on your observations and interpretation. Information gleaned from reports and other publications should be used when considering the results of your mapping but in doing so, be sure to cite references to previous work (using an appropriate referencing method) and include a full list of references cited at the end of the report. Evidence from field sketches, photographs and, stereonet plots of structural data, all with informative captions, should be used to back-up your statements and conclusions.

The report should include a 1 page summary figure of the mapping area highlighting the major features (lithologies, structures etc.). This figure should be used within the report when describing where key outcrops are located.

In assessing your ability to prepare an industry-standard report, criteria to be looked for include:
• Presentation of information in a logical order and appropriate headings (c.f, GSWA reports)
• Report that is succinctly written, yet complete
• Quality geological information, including informative rock descriptions and structural information
• Effective use of field sketches, photographs, stereonet plots of structural data, etc as figures with
informative captions

- Effective use of published literature to support interpretations and conclusions
- Consideration of the results of mapping in a regional context (using published literature)
- Assessment of the economic potential of the mapped area
- Thorough citation of references to previous work (using appropriate referencing method)
- Comprehensive list of references (cited in the text & illustrations) at the end of the report
- English expression (well written, coherent presentation, grammatically correct)

Field notebook (10%)

The field notebook must be maintained in a neat and readable condition, and must be a thorough record of your field observations, including regional familiarisation. All observations on the base/field map must be thoroughly cross-referenced to the notebook, and vice versa.

In assessing a field notebook you need to demonstrate that it is a:

- True and full dossier of field observations, descriptive notes (particularly rock types), structural measurements, field sketches, etc cross-referenced to the base/field map
- Comprehensible record of geological information (i.e. neat & readable condition), including in-field interpretive notes
- Accurate and informative sketches that include a scale and orientation
- Daily record of thoughts and interpretations compiled as a daily synthesis of observations

Pass requirements

In order to pass this unit, students must satisfactorily complete all assessment items. The minimum grade required to pass the unit overall is 50%.

Fair assessment through moderation

Moderation describes a quality assurance process to ensure that assessments are appropriate to the learning outcomes, and that student work is evaluated consistently by assessors. Minimum standards for the moderation of assessment are described in the Assessment and Student Progression Manual, available from policies.curtin.edu.au/policies/teachingandlearning.cfm

Late assessment policy

This ensures that the requirements for submission of assignments and other work to be assessed are fair, transparent, equitable, and that penalties are consistently applied.

1. All assessments students are required to submit will have a due date and time specified on this Unit Outline.
2. Students will be penalised by a deduction of ten percent per calendar day for a late assessment submission (eg a mark equivalent to 10% of the total allocated for the assessment will be deducted from the marked value for every day that the assessment is late). This means that an assessment worth 20 marks will have two marks deducted per calendar day late. Hence if it was handed in three calendar days late and given a mark of 16/20, the student would receive 10/20. An assessment more than seven calendar days overdue will not be marked and will receive a mark of 0.
Assessment extension

A student unable to complete an assessment task by/on the original published date/time (eg examinations, tests) or due date/time (eg assignments) must apply for an assessment extension using the Assessment Extension form (available from the Forms page at students.curtin.edu.au/administration/) as prescribed by the Academic Registrar. It is the responsibility of the student to demonstrate and provide evidence for exceptional circumstances beyond the student’s control that prevent them from completing/submitting the assessment task.

The student will be expected to lodge the form and supporting documentation with the unit coordinator before the assessment date/time or due date/time. An application may be accepted up to five working days after the date or due date of the assessment task where the student is able to provide an acceptable explanation as to why he or she was not able to submit the application prior to the assessment date. An application for an assessment extension will not be accepted after the date of the Board of Examiners’ meeting.

Students requiring an extension to an assessment should complete an Assessment Extension Form and submit it to the unit coordinator before the due date of the assessment task. Forms without supporting documentation (reasons for granting extension) will not be accepted and failure to submit an assessment extension form before due date (except under exceptional circumstances) will result in penalty for late assessment being implemented at 10% per day.

Deferred assessments

If your results show that you have been granted a deferred assessment you should immediately check OASIS for details.

Supplementary assessments

Supplementary assessments are not available in this unit.

Reasonable adjustments for students with disabilities/health circumstances likely to impact on studies

A Curtin Access Plan (CAP) is a document that outlines the type and level of support required by a student with a disability or health condition to have equitable access to their studies at Curtin. This support can include alternative exam or test arrangements, study materials in accessible formats, access to Curtin’s facilities and services or other support as discussed with an advisor from Disability Services (disability.curtin.edu.au). Documentation is required from your treating Health Professional to confirm your health circumstances.

If you think you may be eligible for a CAP, please contact Disability Services. If you already have a CAP please provide it to the Unit Coordinator at the beginning of each semester.

Referencing style

The referencing style for this unit is GSWA record/publication.

More information on this referencing style can be obtained at http://geodocs.dmp.wa.gov.au/search.jsp?cabinetId=1101&Combined=N10W

Copyright

© Curtin University. The course material for this unit is provided to you for your own research and study only. It is subject to copyright. It is a copyright infringement to make this material available on third party websites.
Academic Integrity (including plagiarism and cheating)

Any conduct by a student that is dishonest or unfair in connection with any academic work is considered to be academic misconduct. Plagiarism and cheating are serious offences that will be investigated and may result in penalties such as reduced or zero grades, annulled units or even termination from the course.

Plagiarism occurs when work or property of another person is presented as one’s own, without appropriate acknowledgement or referencing. Submitting work which has been produced by someone else (e.g. allowing or contracting another person to do the work for which you claim authorship) is also plagiarism. Submitted work is subjected to a plagiarism detection process, which may include the use of text matching systems or interviews with students to determine authorship.

Cheating includes (but is not limited to) asking or paying someone to complete an assessment task for you or any use of unauthorised materials or assistance during an examination or test.

From Semester 1, 2016, all incoming coursework students are required to complete Curtin’s Academic Integrity Program (AIP). If a student does not pass the program by the end of their first study period of enrolment at Curtin, their marks will be withheld until they pass. More information about the AIP can be found at: https://academicintegrity.curtin.edu.au/students/AIP.cfm

Refer to the Academic Integrity tab in Blackboard or academicintegrity.curtin.edu.au for more information, including student guidelines for avoiding plagiarism.

Information and Communications Technology (ICT) Expectations

Curtin students are expected to have reliable internet access in order to connect to OASIS email and learning systems such as Blackboard and Library Services.

You may also require a computer or mobile device for preparing and submitting your work.

For general ICT assistance, in the first instance please contact OASIS Student Support: oasisapps.curtin.edu.au/help/general/support.cfm

For specific assistance with any of the items listed below, please contact The Learning Centre: life.curtin.edu.au/learning-support/learning_centre.htm

- Using Blackboard, the I Drive and Back-Up files
- Introduction to PowerPoint, Word and Excel
**Additional information**

**FIELD LOGISTICS**

**Personnel**

There will be about 50-60 students plus academic staff (Rich Taylor, Chris Clark, Pete Kinny, Chris Kirkland and Nick Gardiner + support staff). A full list of personnel will be provided prior to the excursion.

**Field transport**

Transport to and from the field area will be in vehicles provided by the Department of Applied Geology. Field vehicles may only be driven by University staff except, of course, in an emergency.

Field vehicles are not available for private use during field excursions.

**Accommodation**

Accommodation will be in shearers quarters and tents at Weekeroo Station.

You are advised to bring your own tent. Some camp beds will be available, but you will need your own swag (sleeping bag, sheets, blankets, and pillow). Make sure that you are fully prepared for cold nights.

Limited refrigeration facilities will be available for on-site storage of small quantities of perishable foods. Meals will be cooked on gas stoves, open fires and/or gas barbecue(s).

We will have regular access to shower and toilet facilities.

**FIELD COST**

The estimated cost of food and accommodation whilst in the field area is $250.00. This must be paid on or before Friday, 9th September, 2016 as food will be purchased the following week. It does not include meals on the outward and return journeys. Cash is preferred, but if you must pay by cheque please contact the Geology Office for advice on to whom it is to be made payable.

**MAPPING PROJECTS**

The mapping area is within the eastern Weekeroo Inlier in the Olary Domain of South Australia.

There is one project area, which must be completely and thoroughly mapped within the allotted time. Mapping projects will cover an area of ~7 km$^2$, to be mapped at a scale of ~1:5000.

**FIELD EQUIPMENT & CLOTHING**

All field personnel are responsible for ensuring that they have appropriate field mapping equipment, field clothing, camping equipment and personal protective equipment (PPE) required for field work. Please consult the list of essential items provided in Attachment 1.

High-visibility vests and high lace-up walking boots, or steel-capped boots, MUST be worn whilst mapping in the field. Hard hats will be provided, if required.

**FIELD OPERATIONAL PROCEDURE**

The following brief outline of the daily operational procedure will be more fully explained once we are on-site.

Operational meeting: Each day, whilst in the field area, will commence with a 10-15 minute operational meeting (at 8:00 am) to sort out transport arrangements and review logistical and safety issues that may have arisen during the previous day.

Each day's mapping must be planned in advance and, each morning, you must advise staff of your planned whereabouts during the day. You will also be required to indicate your planned location on a daily work sheet/whiteboard.

Morning drop-off: You will be dropped off near the project area each morning at the bus parking area. Before you leave the vehicle, the afternoon pick-up will be the same as the morning drop off place – i.e. where the vehicles are parked.

Mapping: Although the geological mapping is expected to be done ‘independently’ (i.e., your own work), students are required to work in a group for safety reasons. The initial groups will be allocated by staff prior to the commencement of the mapping project.

If, during the day’s mapping, you lose situation awareness (i.e., lost), make your way to the last known observation point or to a nearby ridge and you should be able to locate your self once again. Remember that there is a major creek passing through the centre of the mapping area in a north-south direction.

Afternoon pick-up (4:00 pm): You must endeavor to be at the appointed pick-up place at the appointed time each day. We will wait for all participants to return before any vehicle returns to camp.

If, for any reason, you miss an afternoon pick-up, or if the pick-up vehicle is delayed (e.g., flat tyres or boggy conditions can cause delays) remain at the designated pick-up point. Do NOT attempt to find your own way back to camp. You will be picked-up, eventually.
FIELD SAFETY & WELFARE

Geological field activities can pose a health and safety risk and the Department’s first priority is the welfare and safety of all students and staff participating in a geological mapping excursion.

ALL field personnel are required to take appropriate precautions necessary to ensure their own safety and welfare, and that of fellow students and staff during a field course. Consideration for other members of the excursion party is of utmost importance at all times.

Health and Fitness

All students are expected to have a reasonable level of fitness and be able to walk comfortably for extended distances over rough terrain.

Anyone with a medical ailment or injury, which might impair or endanger them in the field, should inform a member of staff prior to departure by providing appropriate details on the Personal Information form. This includes any allergies that could be life threatening (e.g., bee stings) or which medical personnel should be aware of in an emergency (e.g., allergy to penicillin).

All medical information remains confidential, but it may be vital to your welfare.

Field Safety

Although we will never be too far from ‘civilisation’, it is essential that all due care is exercised in the field to avoid situations which could result in personal harm.

DANGER

The area to be mapped has a long history of mining so be on the alert for and exercise extreme caution when approaching any disused mine workings.

If unsure of the stability of the ground around shafts then KEEP CLEAR.

Do NOT enter any adits or other underground excavations.

First aid

All students are expected to have a current accredited first aid certificate (e.g. Red Cross, St Johns Ambulance, Royal Life Saving Society). You should carry a small personal first aid kit in your backpack, at all times, and know how to use it. Each field vehicle will also have a First Aid kit.

FIELD CONDUCT

The professional behaviour of most students is exemplary but unfortunately this has, on rare occasions, been spoiled by the unacceptable behaviour of a few. Our third year field-teaching program is dependent upon on the goodwill and hospitality of local councils, government agencies, private organisations and landowners.

To assist in maintaining acceptable standards of personal conduct whilst in the field, a Code of Conduct for Geology Field Excursions (the Code) has been developed to promote a responsible and correct approach to field practice. It is essentially a common sense code, but it sets out acceptable standards of fieldwork practice.

Acceptance of the Code is obligatory for ALL students attending Applied Geology field courses. Ensure that you are familiar with the Code, including the penalty provisions for violation of the Code (e.g., antisocial behaviour, interference with the rights of others, deliberate acts of vandalism) as this can result in the offender(s) being sent back to Perth, at their expense, and a ‘Fail’ grade awarded for the unit. We want this to be a pleasant and enjoyable excursion for all, so please ensure that no further mention of this is necessary.

Whilst in the field, please remember that we are ‘guests’ of Weekeroo Station, and the privilege of using their facilities and working on their property is not to be abused. You are expected to comply with any instructions given by the station owners or employees regarding access and where we may or may not go, and any ‘rules’ that may be imposed regarding the use of ablution facilities.

Alcohol and drugs

Students must be aware of recent changes to the Code of Conduct related to the consumption of alcohol of field trips. **There is to be no consumption of spirit/liquor based alcoholic drinks on the field camp.** This includes neat spirits, spirits and mixers, and premixed drinks, or any other beverage fortified to high alcohol concentration. Any decisions as the nature of whether drinks consumed on the camp are appropriate will be made by the staff present. There is deemed to be no reason to push the boundaries of this decision. Any breach of the regulations regarding inappropriate consumption of alcohol will be deemed a breach of the Code of Conduct and be dealt with accordingly. Penalties will be the loss of Camp Conduct marks, followed by expulsion from the camp and return to Perth at the students own cost.

All field personnel are expected to have a responsible attitude to alcohol consumption and must ensure that they do NOT, through consumption of alcohol or a drug, place themselves in such a state as to endanger their own safety or the safety of others.

INSURANCE

Students are advised to ensure that they have adequate personal medical and accident insurance whilst in the field to cover
any unforeseen eventuality. And remember to bring your Medicare card.

The University has limited personal accident cover for courses involving field-related activity but this does not cover ambulance services.

Members of the Curtin Student Guild may have some additional cover through the Guild’s insurance.

FIELD CAMP MANAGEMENT

Curtin’s Geology live-in field mapping courses are run as close as possible to situations experienced in a remote exploration camp. Therefore, in addition to the geological work, another aspect of the course involves learning to provide for yourself in the field, to be efficient in completing each day’s work, to live and work harmoniously with fellow workers in a camp situation, and to contribute to the smooth running of a field camp.

For the camp to run efficiently, a roster will be prepared for all cooking and cleaning duties, as outlined in Attachment 2. A list of roster groups will be published prior to departing for the field.

As there will be a large number of people working and living in close contact in non-ideal conditions for an extended period it is imperative that, for health reasons, the camp is maintained in a clean and tidy condition at ALL times.

EMERGENCY CONTACT

A list of emergency contacts, in case anyone needs to be contacted during the excursion, will be provided at the Fieldwork Induction. The emergency contact telephone numbers are strictly for emergency calls only and are NOT to be used as an answering service.

Mobile phone coverage (Telstra) should be available at the campsite and throughout parts of the mapping area (you may need to walk to a ridge top). The Department’s mobile telephone (0419 943 418) should be used as the initial means of contact in the event of an emergency. There will also be satellite telephones for emergency use.

Learning Resources

An aerial photo-image of the area to be mapped and drafting film will be provided for use as a base map and on which to record data in the field. Some students find it useful to make a ‘mapping board’ out of light, stiff material.

There should be sufficient GPS units available for each student’s use during the field camp.

Drafting film will also be available to assist with preparation of the geological map. The geological map assessment map must be completed (and will be collected) before we return to Perth.

Aerial photographs will not be available to assist with your geological mapping (for stereoscopy) but a combination of high-resolution imagery and a GPS will provide for accurate location and interpretation.

Hand in Schedule

In field assessment exercise will be marked and returned to the student during the camp. Geological field maps will be handed in on the final night of the camp.

Marked field maps will be returned to the students ASAP following the return to Perth.

Field notebooks will be kept by the students to aid with the writing of the geological report, and should be handed in to the front office in Applied Geology (Bldg 312) prior to the deadline for the Report assignment (be aware the report deadline is midnight on a Friday, and so the notebook should be handed in by CoB).

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.
Student Rights and Responsibilities

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

- the Student Charter
- the University’s Guiding Ethical Principles
- 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.

Student Equity

There are a number of factors that might disadvantage some students from participating in their studies or assessments to the best of their ability, under standard conditions. These factors may include a disability or medical condition (e.g. mental illness, chronic illness, physical or sensory disability, learning disability), significant family responsibilities, pregnancy, religious practices, living in a remote location or another reason. If you believe you may be unfairly disadvantaged on these or other grounds please contact Student Equity at eesj@curtin.edu.au or go to http://eesj.curtin.edu.au/student_equity/index.cfm for more information.

You can also contact Counselling and Disability services: http://www.disability.curtin.edu.au or the Multi-faith services: http://life.curtin.edu.au/health-and-wellbeing/about_multifaith_services.htm for further information.

It is important to note that the staff of the university may not be able to meet your needs if they are not informed of your individual circumstances so please get in touch with the appropriate service if you require assistance. For general wellbeing concerns or advice please contact Curtin’s Student Wellbeing Advisory Service at: http://life.curtin.edu.au/health-and-wellbeing/student_wellbeing_service.htm

Recent unit changes

Students are encouraged to provide unit feedback through eVALUate, Curtin's online student feedback system. For more information about eVALUate, please refer to evaluate.curtin.edu.au/info/.

To view previous student feedback about this unit, search for the Unit Summary Report at https://evaluate.curtin.edu.au/student/unit_search.cfm. See https://evaluate.curtin.edu.au/info/dates.cfm to find out when you can eVALUate this unit.

Recent changes to this unit include:

- Inclusion of an introductory lecture on Australian Geology to aid in student preparation
- Removal of the final “good” copy map and replacement with a summary A4 map integrated with the report.
- Integration of an in-field structural exercise.
- Modification of the area to be mapped.
Program calendar
Program Calendar – Semester 2 2016

<table>
<thead>
<tr>
<th>Week</th>
<th>Begin Date</th>
<th>Lecture Seminar</th>
<th>Tutorial/Other</th>
<th>Assessment Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation</td>
<td>25 July</td>
<td></td>
<td></td>
<td>Orientation Week</td>
</tr>
<tr>
<td>1.</td>
<td>1 August</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>8 August</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>15 August</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>22 August</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>29 August</td>
<td></td>
<td></td>
<td>Tuition Free Week</td>
</tr>
<tr>
<td>6.</td>
<td>5 September</td>
<td>7th September</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1pm 312.222</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>12 September</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>19 September</td>
<td>Field Camp</td>
<td>Field Camp</td>
<td>Field Camp</td>
</tr>
<tr>
<td>9.</td>
<td>26 September</td>
<td></td>
<td></td>
<td>Field Camp</td>
</tr>
<tr>
<td>10.</td>
<td>3 October</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>10 October</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.</td>
<td>17 October</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.</td>
<td>24 October</td>
<td></td>
<td></td>
<td>Field report and Notebook 28th October 23:59</td>
</tr>
<tr>
<td>14.</td>
<td>31 October</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.</td>
<td>7 November</td>
<td></td>
<td></td>
<td>Study Week</td>
</tr>
<tr>
<td>16.</td>
<td>14 November</td>
<td></td>
<td></td>
<td>Examinations</td>
</tr>
<tr>
<td>17.</td>
<td>21 November</td>
<td></td>
<td></td>
<td>Examinations</td>
</tr>
</tbody>
</table>