ECON309 ENVIRONMENTAL ECONOMICS 6 CP

Pre-requisite: ECON111: Introductory Microeconomics, or equivalent.

WEBCT VISTA ELEARNING SITE: ECON309_S207

SPRING WOLLONGONG, SHOALHAVEN, BATEMANS BAY, BEGA, MOSS VALE, LOFTUS

Lecturer

ASSOC. PROF. ANN HODGKINSON

School of Economics

Room: 40.223A Ph: 42214026 email: annh@uow.edu.au

Consultation: Tuesday Time: 10.30 am– 12.30 pm
Wednesday 14.30 pm – 16.30 pm

Subject Coordinator

ASSOC. PROF. ANN HODGKINSON

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Room: 40.223A Ph: 42214026 email: annh@uow.edu.au

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SECTION A: GENERAL INFORMATION

IMPORTANT INFORMATION

Students should note that ECON309 Environmental Economics is being run as an experimental blended Elearning subject in Spring session 2007. As such there are no formal lectures. All students must download the Edustream lectures from the Elearning website at the beginning of each week and after listening to each module lecture, undertake the reinforcement activities associated with that module. They should bring their answers to these activities to the seminar session in the following week. The seminar sessions will be used to revise concepts presented in the previous week’s lecture materials, as well as involving activities associated with the assessment tasks. There is a 75 per cent attendance requirement for the seminar sessions. Students will be asked to participate in an evaluation of this approach at the end of the session. Students who do not wish to utilize this blended elearning delivery approach are advised to change to a different subject for this session.

LECTURE PROGRAM

<table>
<thead>
<tr>
<th>Date</th>
<th>Topics Covered</th>
<th>Readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 23/07/2007</td>
<td><strong>Emergency Evacuation Procedures</strong></td>
<td>Wills, Economics &amp; the Environment, Ch. 1.</td>
</tr>
<tr>
<td></td>
<td><strong>Introduction to Environmental Economics</strong></td>
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<td></td>
<td>- World Environmental Problems and areas of conflict</td>
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<td>Additional Reading:</td>
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<td></td>
<td>Garrett Hardin, 'The Tragedy of the Commons', Stavins, R (Ed.), Economics of the Environment, 4th</td>
</tr>
<tr>
<td>2 30/07/2007</td>
<td><strong>Economic Environmental Linkages</strong></td>
<td>Wills, op.cit., Ch. 4.</td>
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<tr>
<td></td>
<td>- Steady State Economics</td>
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<td></td>
<td>- The Circular Economy Revisited</td>
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<td>Date</td>
<td>Notes</td>
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</tbody>
</table>
| 3 6/08/2007 | **The Economics of Pollution**  
- The Cause of Environmental Problems  
- Theory of External Costs  
- The Marginal External Cost and Net Private Benefit Curves  
- Optimum Levels of Pollution  
- Extension of External Cost Analysis |
|        | Ed., 2000, pp. 9 – 22 or Dorfman, R. and Dorfman, Nancy S. (Eds)  
Herman E. Daly (Ed.) *op.cit.*, Part I. |
| 4 13/08/2007 | **The Market Approach to Optimum Pollution Levels**  
- Taxation and Optimum Levels of Pollution  
- Property Rights & Common Pool Resources  
- The Coase Theorem  
- Critiques of Coase Theorem  
- Additional Reading:  
Wills, *op.cit.*, Ch. 5 & Ch. 14.  
*Additional Reading*:  
| 5 20/08/2007 | **Environmental Policy**  
- Governmental Controls and Planning  
- Marginal Abatement Cost Approach  
- Pollution Changes  
- Marketable Permits  
- Controls versus Market Based Solutions |
|        | Wills, *op.cit.*, Ch. 8 & Ch. 15  
Pearce and Turner, *op. cit.*, Ch. 6, pp. 84 – 91.  
| 6 27/08/2007 | **Measuring Environmental Damages**  
- Environmental Impact Statements  
- Benefit-Cost Analysis  
- Discount Rates  
- Measuring Social Costs and Benefits |
|        | Wills, *op.cit.*, Chs 9 & 10.  
Tom Tietenberg, *op.cit.*, Ch. 4, pp. 72-99 |
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Reading References</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>3/09/2007</td>
<td><strong>Methodologies</strong></td>
<td>Wills, <em>op.cit.</em>, Ch. 11. Pearce &amp; Turner, <em>op.cit.</em>, Ch. 10.</td>
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<td></td>
<td></td>
<td>➢ User, Option and Existence Value</td>
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<td>➢ Direct and Indirect Valuation</td>
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<td>➢ Travel Costs Approach</td>
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<td>➢ Hedonic Price Approach</td>
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<td>➢ Contingent Valuation</td>
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<td>➢ Acid Rain — International pollution issues</td>
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<td>➢ Ozone Depletion</td>
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<td>➢ Greenhouse Gas Emissions</td>
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<td>➢ International Agreements</td>
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<tr>
<td>10</td>
<td>24/09/2007</td>
<td>Season Break</td>
<td></td>
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<tr>
<td>11</td>
<td>1/10/2007</td>
<td>Reading Week</td>
<td>Review of Reading Materials Weeks 1 to 9</td>
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<tr>
<td></td>
<td></td>
<td>➢ Environmental Issues in Developing Countries</td>
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<td>➢ Global Public Goods</td>
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<td>➢ Valuing Biodiversity</td>
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<td>➢ Optimum Species Preservation</td>
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<td>➢ Habitat Loss &amp; Deforestation</td>
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<td>➢ International Support for conservation</td>
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<tr>
<td>13</td>
<td>22/10/2007</td>
<td>➢ Interaction between Economic Development and the Environment</td>
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<td>➢ Free Trade and the Environment</td>
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<td>➢ Protection and the Environment</td>
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<td>➢ Environmental Standards and Barriers to Trade</td>
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<td>➢ Consistency between GATT/WTO Rules and Environmental Protection- Developed</td>
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</tr>
</tbody>
</table>
Country Issues
➢ The Impact of Tariffs on the Environment


SEMINAR/ LABORATORY TIMES: WOLLONGONG
Seminars will be held on Tuesday 14.30 to 16.30 Room 150, Building 25
Tuesday 16.30 to 18.30 Room 301, Building 67

SATELLITE CAMPUS STUDENTS SHOULD CHECK THEIR OWN TIMETABLES FOR SEMINAR SESSION TIMES.

SEMINAR/ LABORATORY PROGRAM

SEMINAR PROGRAM

<table>
<thead>
<tr>
<th>Week</th>
<th>Lecture subject</th>
<th>Seminar Activity</th>
<th>Assessment Task</th>
<th>Leadership Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>World problems Paradigms</td>
<td>Introduction</td>
<td></td>
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<td></td>
<td></td>
<td>Allocation to groups</td>
<td></td>
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<tr>
<td>2</td>
<td>Economic – Environment Interaction</td>
<td>Populate Territory</td>
<td>Task 1: Choose a Paradigm and explain this approach to environmental problems</td>
<td>Leaders 1 &amp; 5 Select world problem/s Allocate paradigms to group members</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Group meeting</td>
<td></td>
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<tr>
<td>3</td>
<td>Theory of Optimum Pollution</td>
<td>Industrial Activity, endangered species and ecology in Territory</td>
<td></td>
<td>Put solutions on group discussion board for feedback</td>
</tr>
<tr>
<td>4</td>
<td>Market approaches</td>
<td>Presentation of paradigms</td>
<td>Hand in Task 1 report</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Environmental policy</td>
<td>External costs associated with industrial activity Group meeting</td>
<td>Task 2: Analyse economic, social and environmental benefits and costs of a selected industry and recommend solutions</td>
<td>Leaders 2 &amp; 6 Allocate separate industry to each member</td>
</tr>
<tr>
<td>6</td>
<td>Benefit – Cost analysis</td>
<td>Logic and practicality of market based</td>
<td></td>
<td>Put solutions on group discussion board for feedback</td>
</tr>
<tr>
<td>Week</td>
<td>Topic</td>
<td>Activity</td>
<td>Details</td>
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<tr>
<td>7</td>
<td>Indirect measurement methods</td>
<td>Presentation of solutions. Compare with outcome from Task 1</td>
<td>Hand in Task 2 report</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Direct measurement methods</td>
<td>Understanding willingness to pay and willingness to accept Group meeting</td>
<td>Task 3: Design a research project to measure external costs for problem identified in Task 1 or 2. Leaders 3 &amp; 7. Ensure each member selects one of the four different measurement options.</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>No lecture</td>
<td>No class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Biodiversity</td>
<td>Presentation of projects. Compare with outcome from Task 1</td>
<td>Hand in Task 3 report. Task 4: Outline policies to achieve the optimum level of preservation for a species or natural area. Leaders 4 &amp; 8. Ensure each member selects a different topic.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>World Trade and Environmental Protection</td>
<td>Group meeting International agreements on environmental issues</td>
<td>Put solutions on group discussion board for feedback.</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>World Trade and Environmental Protection Exam Review</td>
<td>Presentation of solutions. Questions about exam</td>
<td>Hand in Task 4 report.</td>
<td></td>
</tr>
</tbody>
</table>
BRIEF OUTLINE

Subject Aims:

- To develop a comprehension of the analytical techniques used in environmental economics.
- To develop an ability to apply economic techniques of analysis to environmental issues and to develop policy analysis skills
- To critically evaluate national environmental policies and to assess the impact of alternative economic instruments on policy objectives.
- To take a comparative approach to world-wide environmental issues, focusing particularly on the Asia-Pacific region.
- To develop the skills of independent study, research, problem solving, report writing and debating through the presentation of seminar papers and group analysis of environmental economics and policy issues.

STUDENT LEARNING OUTCOMES

On successful completion of this subject, a student should be able to:

- Understand and explain the analytical techniques used in environmental economics.
- Apply economic techniques of analysis to environmental issues and develop policy analysis skills.
- Critically evaluate national environmental policies and assess the impact of alternative economic instruments on policy objectives.
- Compare and evaluate different national approaches to world-wide environmental issues.
- Employ the skills of independent study, research, problem solving, report writing and debating through the presentation of seminar papers and group analysis of environmental economics and policy issues.
- Locate and utilize a range of high quality online and other resources to address environmental economic issues.
- Understand and explain, using the concepts developed in this course, their own personal position on a number of major environmental problems facing the planet in the 21st century.
- Successfully complete the seminar exercises and essay assessment tasks which have been designed to provide students with the research skills necessary to obtain information relating to specific environmental problems, to assess such problems from a variety of different perspectives and to develop solutions to such problems. They enable students to investigate particular issues of personal interest. Environmental problems at local, national and global levels can be investigated through these assignments.

ATTENDANCE REQUIREMENTS

Students will be required to attend a minimum of 75 per cent (9 of the 12 weeks) of the two hour seminar sessions offered in this course. Classes missed due to illness will not be counted towards this 75 per cent other than in exceptional circumstances and on the approval of the subject coordinator. As this subject is delivered partially online, all students are required to attend the introductory seminar session held in week 1 of the subject, where the operation and requirements of the course will be explained and work groups established. If necessary, a supplementary introductory seminar session will be held in week 3. Students who do not attend either introductory seminar session will not be allowed to proceed with their enrolment. Students who do not meet the attendance requirements and cannot provide a satisfactory explanation to the subject coordinator for their absence will be given an automatically failed in this subject
PERFORMANCE LEVEL

To be eligible to pass this subject, students must achieve an overall mark of at least 45%, and at least 40% on the final examination.

REQUIRED TEXT(S)

TEXTBOOK:

Students are expected to purchase individual copies of the subject textbook.


Recommended Retail Price $59.95

This textbook is available online from the University Bookshop at http://unishop.uow.edu.au/textbooks/

RECOMMENDED BACKGROUND AND FURTHER READING


The above books have been placed in closed reserve. These recommended readings are not intended as an exhaustive list and students should use the library catalogue and data bases to locate additional material. There is a wide selection of books on environmental economic issues in the University of Wollongong library.
## SECTION B: ASSESSMENT

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Standard</th>
<th>Alternative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four Seminar Assessment Tasks</td>
<td>40%</td>
<td>40%</td>
</tr>
<tr>
<td>Leadership Role</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Seminar Presentation</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>50%</td>
<td>25%</td>
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<tr>
<td>Long Essay – Exam period</td>
<td>-</td>
<td>25%</td>
</tr>
</tbody>
</table>

### WRITTEN ASSESSMENT

**Groups:** Groups will comprise four (4) members. All students enrolled in this subject on the first day of session will be automatically randomly allocated to a group. The group membership will be available on the subject’s eLearning space prior to the first seminar meeting. Should students enrol or withdraw from this subject after the first day of session, please advise the subject coordinator by email so that group membership can be revised accordingly. Groups should exchange email addresses and establish ways of keeping in touch at their first meeting in the seminar session in week 2.

**Group Leaders:** Each member of the group will act as group leader for one task, with numbers allocated on the group membership list. The role of the leader is to ensure that the group selects an even distribution of topics for that task, without any duplication. They need to email their tutor and the subject coordinator a list of the selected topics for each member by the end of the first week for that task. They should also alert the subject coordinator and tutor if any member of the group has not posted a draft report to the discussion board by the end of the second week for their task. The Group Leadership role is allocated a maximum of 5 marks.

Assignments comprise four tasks. Each task report is worth 10 marks. Each task report should be two to three pages in length. Students will be required to make one presentation to the whole class on one task topic. The presentation is allocated 5 marks. Each task is to be completed in a three week period as follows:

- **Week 1** – Group members meet and decide the allocation of topics under supervision of the group leader, avoiding any duplication of topics within that group;
- **Week 2** – Write draft report and post it to group discussion board. Make comments on each other’s draft. Revise own draft in response to these comments as appropriate;
- **Week 3** – Hand in report to the tutor by end of week. Make presentation on topic according to schedule as posted on subject’s eLearning space.

For the purposes of these tasks, a week will be measured from the seminar time in each week to the day preceding the next seminar in the following academic week.
**Task 1: Paradigms**

In the lecture in week 1, a number of Australian and world environmental problems were identified. Students were also introduced to the different paradigms or belief systems which individuals use to explain world environmental issues and which determine their solutions to these problems. Task 1 involves:

- The group should select one (or two) world environmental problems as their subject matter at their seminar meeting in week 2.
- Each student should describe a person based on the demographic characteristics assigned in the seminar session in week 2 (this person may be themselves).
- Each student then assigns a paradigm to that constructed person.
- They then prepare a draft report as to how a person with the assigned paradigm would view the world problem selected in step 1 above and the type of solutions that they would be likely to recommend, and post that draft report to their group's discussion board.
- Complete task report, with appropriate referencing, and hand in to your tutor by end of week 4.

**Task 2: Solution to Industrial Pollution**

In the lectures in weeks 3, 4 and 5, industrial pollution was analysed within a social cost framework and a number of market based mechanisms to control pollution back to optimum levels were discussed. Task 2 involves:

- The group meets and allocates each member different problem industries or consumer behaviours as the source of pollution that has negative impacts on the local community.
- Each student then develops a ‘background’ story for that industry which describes the economic benefits that it brings to the local community and the national economy, the types of pollution that it emits, and the social (environmental) costs which are imposed on the local community as a consequence of this pollution. This background must be based on research into the actual or related pollution problem identified above.
- Based on this background research, the student makes recommendations as to the best methods of controlling this pollution. These methods should include a market-based mechanism as studied in this course, but other methods as discussed under the lecture on paradigms may be included.
- They then prepare a draft report covering these points and post it to the group’s discussion board.
- Complete task report, with appropriate referencing, and hand it into your tutor by end of week 7.

**Task 3: Measurement of External Costs**

In lectures 6, 7 and 8, different methods of measuring environmental external costs were discussed, together with ways of using these values to aid policy making in relation to projects that have significant environmental costs. Task 3 involves:

- The group meets and allocates each member one of the four methodologies studied in weeks 6 to 8.
- Each member selects a ‘real world’ project that has an associated environmental appropriate for their allocated methodology. If possible, this could be related to the problems discussed in tasks 1 or 2.
- Each member writes a draft report discussing how data for this project could be collected and analysed using this methodology, and posts it to the group’s discussion board.
- Complete task report, with appropriate referencing, and hand it into your tutor by end of week 11.
**Task 4: Biodiversity**

In weeks 9 and 11, a number of global environmental problems were discussed. Among these are the serious problems of deforestation, loss of habitat and its impact on biodiversity with an ever increasing list of endangered species of flora and fauna. Task 4 involves:

- The group meets and reviews the listing of endangered species and ecologies at a local, national and world level. Each member selects one animal, plant species or natural area as their topic.
- Each student then researchers their topic to collect information on the presence of that species and the risks to their habitat or the pressures and risks on the particular natural area.
- Each student writes a draft report discussing, at least at a theoretical level, what the optimum level of conservation for their topic species or area would be, makes recommendations as to how that level could be achieved, and posts it onto their group discussion board.
- Complete task report, with appropriate referencing, and hand it into your tutor by end of week 13.

**FINAL EXAMINATION**

A three hour final examination for this subject will be held during the University examination period. The final examination is worth 50 per cent of the total subject marks. It will consist of:

Part A – Short answer questions, answer 7 from a choice of 10 questions. Total value = 25%

Part B – Essays questions, answer 2 from a choice of 4 questions. Total value = 25%.

Students must achieve at least 40 per cent in the final examination to pass this subject.

**Alternative Arrangement:**

Students may elect to write a long research and policy essay on one of the following topics as an alternative to Part B of the final examination. Such students will still be required to sit Part A of the final examination in the examination period. In this case,

Final Examination consists of Part A – Short answer questions, answer 7 from a choice of 10 questions. Total value of part A = 25% of total marks. Long research and policy Essay = 25% of total marks. Students must achieve at least 40 per cent in the final examination and 50% in the Long Essay to pass this subject.

Students electing to take the alternative arrangements can only do so with the agreement of the subject coordinator. They need to obtain that agreement by the date posted on the website, which will be in approximately week 9 of the lecture program. Students who have not contacted the subject coordinator by that date will automatically be registered to take the full final examination (Part A plus Part B). The essay should be presented in report format, i.e. utilizing headings and sub-headings as appropriate. It should be referenced with a complete bibliography to comply with normal academic standards.

**Long Essay Topics**

**Word Length: Approximately 3,000 words.**

**Due Date – The day of the final examination for ECON309.**

1. Provide an assessment of the economic and ecological values of the Murray -Darling catchments in regard to recent Government decisions to provide funding to increase environmental flows in that system and to bring management of the Murray – Darling catchments under a single authority. In your answer, based on this research make recommendations to the Federal Government as to what would be the appropriate policy approaches to managing this system, including market-based economic solutions.
2. Given rising greenhouse gas emissions caused by Australia’s energy usage, provide an assessment of the relative economic and environmental costs and benefits of coal-fired, natural gas, nuclear and renewable sources of electricity to meet Australia’s future energy needs. In your answer, based on this research, make recommendations to the Federal Government as to what would be the most appropriate policy approach to future energy developments.

3. Another agreed topic. If there is a major environmental issue that you would like to research for this essay, discuss your idea with your tutor to determine whether it could be answered within the context of this subject. If the tutor agrees that the topic is appropriate, contact the subject coordinator for approval of the topic. The subject coordinator will provide a question based on the agreed topic for your essay.

**SCALING**

Results in this subject are not normally scaled. However, the right to scale is reserved in cases where abnormal distributions arise.

**SUBMISSION, RETENTION AND COLLECTION OF WRITTEN ASSESSMENT**

This is a 6 credit point subject which involves an average of 12 hours of work per week including class attendance, research and preparation of assessment tasks, independent study and revision time. Assessment material should be handed personally to the tutor and will be returned in class whenever possible. Students may also collect material from the tutor’s office after that return date, during consultation times. Students should include a cover sheet with each assignment. Signed receipts will be provided on request.

Assignments must be handed in to the tutor by the due date. Late assignments will only be accepted in exceptional circumstances and where new submission dates have been approved by prior arrangement with the tutor. Students who fail to attend their allocated seminar time and place for their presentation must provide a medical certificate. Presentations will only be reallocated if a suitable gap exists in their tutorial groups’ timetable. Failure to make a presentation will incur an automatic 5 marks deduction.

All prior assignments must be completed and handed in before any results for extensions or special consideration will be considered. Students who fail to demonstrate satisfactory progress throughout the subject in terms of completion of assignments and attendance in lectures and tutorials may be refused special consideration for assessment tasks. If a student is experiencing any difficulties during this course, either with the material or of a personal nature that is affecting their progress, they should inform the subject coordinator as soon as possible, to assist in requests for special consideration.

A Faculty of Commerce assignment cover sheet should be attached to each piece of written assessment.

This cover sheet can be obtained from the website:

**PENALTIES FOR LATE SUBMISSION OF ASSESSMENT**

Assessed work must be handed in by the date and time given. Assessed work handed in late can be penalised by the deduction (from the mark given to the assessed work) of 5 percentage points per 24 hours of the weekday or part thereof. The operation of this rule will not result in a negative mark being carried forward.
PLAGIARISM

Plagiarism means using the ideas of someone else without giving them proper credit. For example, that someone else may be an author, critic, journalist, artist, composer, lecturer, tutor or another student. Unintentional plagiarism can result if you don’t understand and use the acceptable scholarly methods of acknowledgement. Whether plagiarism is deliberate or unintentional, the University may impose penalties, which can be very severe. When it is desirable, or necessary, to use other people’s material, take care to include appropriate references and attribution. Plagiarism will not be tolerated and has led to expulsion from the University.

Students should visit the following University website and become familiar with the University’s policy on Plagiarism.

SECTION C: RULES, CODES OF PRACTICE & POLICIES

C1 UNIVERSITY POLICIES

Information on the following University Policies can be found at the websites below:

<table>
<thead>
<tr>
<th>Policy</th>
<th>Website</th>
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<tbody>
<tr>
<td>Ethical objection by students to the use of animal and animal products in coursework subjects</td>
<td><a href="http://www.uow.edu.au/about/policy/ethicalobjectionanimals.html">http://www.uow.edu.au/about/policy/ethicalobjectionanimals.html</a></td>
</tr>
</tbody>
</table>

* see brief explanation of policy below.

C1.1 Non-discriminatory Language

The Faculty of Commerce supports the University’s policy on the use of non-discriminatory language. It is the responsibility of students to ensure that they understand and abide by this policy. The policy is available at:

C1.2 Special Consideration Policy

The Faculty of Commerce recognises that it has a responsibility to ensure equity and consistency across its subjects for all students. Sometimes, in exceptional circumstances, students need to apply for special consideration in order to complete all assessable work.

The University applies strict criteria to the granting of special consideration. Before applying for special consideration students should carefully read the University’s policy. The policy can be found at:


Add any School specific procedures or information here {or delete statement}.

C1.3 Student Academic Grievance Policy

The Faculty of Commerce aims to provide a fair, equitable and productive learning environment for all its students. The Student Academic Grievance Policy seeks to support the achievement of this goal by providing a transparent and consistent process for resolving student academic grievances.

Any student who has a grievance over a result should obtain a Faculty of Commerce Appeal of Assessment Form from the Schools or the Sub-Dean’s Unit. The student should firstly take the form to the marker/lecturer to discuss the matter and, if the student is still not satisfied, s/he should take the next step as outlined on the form.

Once the grievance has been considered by the Faculty, if the student still feels the situation has not been fully resolved s/he may consult the Dean of Students. However, the Dean of Students can have no input into the academic judgement of the lecturer and can only review the grievance to ensure proper procedure has been followed.

For more information, please consult the policy in full at


C2 FACULTY AND SCHOOL POLICIES

REFERENCING

WHY DO YOU NEED TO REFERENCE?

At University it is necessary to acknowledge the sources of information and ideas that you have incorporated in your assignments. Failure to do this thoroughly may result in accusations of plagiarism: this is the academic equivalent of stealing (because by not acknowledging someone else’s work, you are presenting it as your own). Plagiarism is taken very seriously by the University and may result in expulsion from the University.

Referencing is not only about acknowledging other people’s work: accurate referencing and lists of references are beneficial when researching a topic as they allow the reader to follow up information and read further into the area. In a sense, references provide readers with clues to help them explore different avenues of a topic. This aspect of referencing will become more valuable to you as you progress in your studies.

There is a correct procedure that must be followed when referencing and using footnotes. Not complying with these set techniques and format will most likely result in loss of marks.

When writing an essay it is easiest to reference as you go, making sure you are writing down all relevant information. This will save hours trying to find the source again in the library.
THE HARVARD SYSTEM OF REFERENCING

The Faculty of Commerce uses the Harvard system of referencing. This system makes use of short references within the body of the text. It is supplemented by a detailed list of references at the end of the text, which provides all the information necessary to find the source material. In-text references include the author and year of publication, and where necessary the page number(s).

*It is the responsibility of students to ensure that they are familiar with the Harvard system of referencing and that they use it accurately in all written work submitted.*

Students should consult the following University Library website for a detailed explanation and examples of the Harvard system of referencing.


CITATION OF ELECTRONIC SOURCES

It is necessary for students to reference all sources used in their written work, including file transfer protocol sites, worldwide web sites, telnet sites, synchronous communications (MOOs, MUDs, IRC, etc.) Gopher sites, and email, Listserv and Newsgroup citations.

*It is the responsibility of students to ensure that they are familiar with the accepted Faculty of Commerce practice for referencing electronic material and that they use it accurately in all written work submitted.*

Students should consult the following University Library website for a detailed explanation and examples of how to reference electronic material.


OCCUPATIONAL HEALTH AND SAFETY WHERE RELEVANT, INCLUDING SAFETY IN LABORATORIES AND ON FIELD TRIPS

C3 SUPPORT SERVICES AND FACILITIES

(The following details of C3 are relevant to the Wollongong campus.

Off-campus sites should include their relevant support service details and delete areas which are not relevant).

LEARNING RESOURCE CENTRE

Learning Development offers a range of free services to all enrolled students who wish to improve their academic or English language skills. There are a range of workshops available including; essay writing and editing; reading for assignments; grammar; presentation skills; pronunciation and exam preparation.

For information on language and academic skills workshops, or to make appointments for consultations, please visit the Learning Resource Centre (LRC), Building 19, Ground Floor, Room G102, or Phone 02 4221 3977. For further information visit the website:

FACULTY LIBRARIANS

Each faculty has a Faculty Librarian who is available to help with research related enquiries. Research Help Desk staff are also available in the Library to assist with research needs.

The Faculty Librarians for Commerce can be contacted as follows:

email:       lib_commerce@uow.edu.au
telephone:   42 213078

DISABILITY LIAISON OFFICER

The Disability Liaison Officer (DLO) can provide advice on how particular disabilities affect university study and information on resources available at the University for assisting students with disabilities. Students commencing courses are advised to contact the Disability Liaison Officer prior to the beginning of their first session of study.

For further information on services offered, consult the Disability Services website or contact the office.

web address: http://www.uow.edu.au/student/services/ds/
telephone:   42 213445
fax:          42 215667

FACULTY DISABILITY ADVISERS

Faculty Disability Advisers are academic staff who provide assistance and support to students with disabilities within their Faculty and act as an intermediary between the student and the Faculty's academic and general staff. They provide support, educational advice and referral to appropriate staff on issues related to teaching and learning within the Faculty and the University. Students are advised to communicate specific information about the ways in which their disability affects learning to the Faculty Disability Adviser as soon as possible after enrolment.

The Faculty of Commerce Disability Adviser is Mr. Ron Perrin. Mr Perrin can be contacted as follows:

Office location: Building 40, room 224
email address:    ron_perrin@uow.edu.au
telephone:       42 214118
WOOLYUNGAH INDIGENOUS CENTRE

The Woolyungah Indigenous Centre provides academic and personal support for Aboriginal & Torres Strait Islander and other indigenous students. The Centre also runs an Indigenous Specific Orientation Program for students who gain entry to the University through the alternative admissions program.

For further information on services offered, consult the Woolyungah Indigenous Centre website or contact the office.

Centre location: Building 30
web address: http://www.uow.edu.au/aec/
telephone: 42 213563
fax: 42 214244