Course Description

The need to lead healthy, environmentally conscious lives is increasingly important. Students acquire the practical knowledge and skills required to explore current environmental challenges and identify personal plans for living in an environmentally responsible manner. Through a combination of assignments, discussion boards, and quiz work, students investigate the history and development of current environmental concerns, the environmental impact of our choices and behaviours, and strategies involved in living green.

General Education Theme Area(s)

This is a General Education course that supports learning in the following theme area(s): Science and Technology

Relationship to Essential Employability Skills

This course contributes to your program by helping you achieve the following Essential Employability Skills:

<table>
<thead>
<tr>
<th>EES 1</th>
<th>Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience. (A,)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EES 2</td>
<td>Respond to written, spoken or visual messages in a manner that ensures effective communication. (A,)</td>
</tr>
<tr>
<td>EES 3</td>
<td>Execute mathematical operations accurately. (A,)</td>
</tr>
<tr>
<td>EES 4</td>
<td>Apply a systematic approach to solve problems. (A,)</td>
</tr>
<tr>
<td>EES 5</td>
<td>Use a variety of thinking skills to anticipate and solve problems. (A,)</td>
</tr>
</tbody>
</table>
Course Learning Requirements/Embedded Knowledge and Skills

When you have earned credit for this course, you will have demonstrated the ability to:

1.) Examine current environmental issues in the context of the history of environmental degradation.
   - Recognize and discuss the effects of
     - acid rain
     - the Green House Effect
     - ozone depletion
     - global warming and climate change.
   - Describe the ethical challenges associated with climate change.
   - Discuss these environmental concerns based on fundamental issues of science.
   - Explain the steps individuals can take to reduce their impact on the environment.

2.) Explore your environmental values and make practical choices to lessen your impact on the environment, aiming for sustainability at home.
   - Select environmentally friendly appliances.
   - Explain composting.
   - Choose “Green” grooming products.
   - List ways to reduce heating and cooling costs in a home.
   - Examine ways to maintain indoor air quality in a home.
   - Explore efficient use of water in a home.
   - Choose environmentally sensitive food packaging.
   - Develop a plan to be a “Green consumer”.
   - Plan an environmentally sound home garden.

3.) Apply knowledge of emerging “Green” technologies to travel and transportation choices.
   - List means of travel means that are not carbon producers.
   - Examine current fuels in use today.
   - Develop strategies for reducing fuel consumption.
Select an environmentally-friendly mode of personal transportation.
Explore alternatives to using automobiles for transportation.

**Evaluation/Earning Credit**

The following list provides evidence of this course's learning achievements and the outcomes they validate:

Assignment(s) (40%)

Validates Outcomes: CLR 1, CLR 2, CLR 3, EES 1, EES 3, EES 4, EES 5, EES 6, EES 7, EES 10, EES 11

Quiz(zes)/Test(s) (36%)

Validates Outcomes: CLR 1, CLR 2, CLR 3, EES 2, EES 3, EES 4, EES 7, EES 10, EES 11

Discussion Forum (24%)

Validates Outcomes: CLR 1, CLR 2, CLR 3, EES 1, EES 2, EES 4, EES 5, EES 6, EES 7, EES 8, EES 10, EES 11

Students are expected to meet evaluation and completion deadlines as stated in course outline and course section information documents. In circumstances where evaluation and/or completion deadlines are missed or student performance has been affected by a temporary or permanent disability (including mental health), interim or retroactive accommodations may be considered. In such instances, please consult your course faculty member. For other situations where deferral of evaluations may be warranted, please refer to college policy AA21.

**Learning Resources**

- An initial meeting of students and instructor.
- A Brightspace Learning Environment.
- A detailed online Study Guide for the 2018 – 2019 Academic Year.
- Numerous online resources.
- Self-directed study and research.
- Project-based learning.
- Assigned readings.
- Online quizzes and discussions.

**REQUIRED TEXT**

*GREENIOLOGY 2020: Greener Living today, and in the future.*

Author: Tanya Ha
Publisher: Melbourne University Press, 2012
ISBN: 9780522858549 (pbk.)
9780522860511 (ebook)
Learning Activities

During this course you are likely to experience:
- An initial meeting of students and instructor.
- A detailed online Study Guide for the 2018 – 2019 Academic Year.
- Self-directed study and research.
- Project-based learning.
- Assigned readings.
- Online quizzes and discussions.

Prior Learning Assessment and Recognition

Students who wish to apply for prior learning assessment and recognition (PLAR) need to demonstrate competency at a post-secondary level in all of the course learning requirements outlined above. Evidence of learning achievement for PLAR candidates includes:

• Portfolio

Grade Scheme

<table>
<thead>
<tr>
<th>Final Grade</th>
<th>Mark Equivalent</th>
<th>Numeric Value</th>
<th>Final Grade</th>
<th>Mark Equivalent</th>
<th>Numeric Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>90% - 100%</td>
<td>4.0</td>
<td>A</td>
<td>85% - 89%</td>
<td>3.8</td>
</tr>
<tr>
<td>A-</td>
<td>80% - 84%</td>
<td>3.6</td>
<td>B+</td>
<td>77% - 79%</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>73% - 76%</td>
<td>3.0</td>
<td>B-</td>
<td>70% - 72%</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>67% - 69%</td>
<td>2.3</td>
<td>C</td>
<td>63% - 66%</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>60% - 62%</td>
<td>1.7</td>
<td>D+</td>
<td>57% - 59%</td>
<td>1.4</td>
</tr>
<tr>
<td>D</td>
<td>53% - 56%</td>
<td>1.2</td>
<td>D-</td>
<td>50% - 52%</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0% - 49%</td>
<td>0</td>
<td>FSP</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Other Information

Students are required to respect the confidentiality of employer, client and/or patient information, interactions, and practices that occur either on Algonquin College premises, or at an affiliated clinical/field/co-op placement site. Concerns regarding clients, patients, and/or employer practices are to be brought to the attention of the program.
 coordinator, or designated field/clinical/co-op placement supervisor so that they may be resolved collaboratively. Such concerns are not to be raised publically either verbally, in writing, or in electronic forums. These matters are to be addressed through established program communication pathways.

**Course Related Information**

To be considered successful in this course, students must achieve an overall passing grade of 50% derived from the student’s mark on quizzes, discussion boards and course assignments.

**College Related Information**

**Email**

Algonquin College provides all full-time students with an e-mail account. This is the address that will be used when the College, your professors, or your fellow students communicate important information about your program or course events. It is your responsibility to ensure that you know how to send and receive e-mail using your Algonquin account and to check it regularly.

**Students with Disabilities**

If you are a student with a disability, you are strongly encouraged to make an appointment at the Centre for Accessible Learning to identify your needs. Ideally, this should be done within the first month of your program, so that a Letter of Accommodation (LOA) can be provided to your professors. If you are a returning student, please ensure that professors are given a copy of your LOA each semester.

**Retroactive Accommodations**

Students are expected to meet evaluation and completion deadlines as stated in course outline and course section information documents. In circumstances where evaluation and/or completion deadlines are missed or student performance has been affected by a temporary or permanent disability (including mental health), interim or retroactive accommodations may be considered. In such instances, please consult your course faculty member. For other situations where deferral of evaluations may be warranted, please refer to college policy AA21.

**Academic Integrity & Plagiarism**

Adherence to acceptable standards of academic honesty is an important aspect of the learning process at Algonquin College. Academic work submitted by a student is evaluated on the assumption that the work presented by the student is his or her own, unless designated otherwise. For further details consult Algonquin College Policies AA18: Academic Dishonesty and Discipline and AA20: Plagiarism

**Student Course Feedback**

It is Algonquin College’s policy to give students the opportunity to share their course experience by completing a student course feedback survey for each course they take. For further details consult Algonquin College Policy AA25: Student Course Feedback
Use of Electronic Devices in Class
With the proliferation of small, personal electronic devices used for communications and data storage, Algonquin College believes there is a need to address their use during classes and examinations. During classes, the use of such devices is disruptive and disrespectful to others. During examinations, the use of such devices may facilitate cheating. For further details consult Algonquin College Policy AA32: Use of Electronic Devices in Class

Transfer of Credit
It is the student’s responsibility to retain course outlines for possible future use to support applications for transfer of credit to other educational institutions.

Note: It is the student’s responsibility to refer to the Algonquin College Policies website for the most current information at http://www.algonquincollege.com/policies/

Legend

Terms
• ALO: Aboriginal Learning Outcome
• Apprenticeship LO: Apprenticeship Learning Outcome
• CLR: Course Learning Requirement
• DPLO: Degree Program Learning Outcome
• EES: Essential Employability Skill
• EOP: Element of Performance
• GELO: General Education Learning Outcome
• LO: Learning Outcome
• PC: Program Competency
• PLA: Prior Learning Assessment
• PLAR: Prior Learning Assessment and Recognition
• VLO: Vocational Learning Outcome

Assessment Levels
• T: Taught
• A: Assessed
• CP: Culminating Performance