The Impact of the Car on North American Culture

Applied Science and Environmental Technology

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>Co-Requisites:</th>
<th>Pre-Requisites:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVM8800</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Applicable Program(s):</td>
<td>AAL:</td>
<td>Core/Elective:</td>
</tr>
<tr>
<td>Multiple Programs</td>
<td>Multiple Levels</td>
<td>Multiple Core/Elective</td>
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<tr>
<td>Prepared by:</td>
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<tr>
<td>Timothy Breton, Professor</td>
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<tr>
<td>Approved by:</td>
<td>Adam Shane, Chair, ASET</td>
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<tr>
<td>Approval Date:</td>
<td>Monday, July 15, 2019</td>
<td></td>
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<td>Approved for Academic Year:</td>
<td>2019-2020</td>
<td></td>
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<tr>
<td>Normative Hours:</td>
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Course Description

Students explore the social, economic, political, and environmental impact of the automobile on North American lives. Through a combination of assignments, discussion boards, and quiz work, students study the history of the automobile, from its introduction to the present day. Doing so allows students to track the changes the car has introduced to manufacturing, lifestyles, design principles, transportation systems, the environment, labour-management negotiation, and economic organization.

General Education Theme Area(s)

This is a General Education course that supports learning in the following theme area(s): Social and Cultural Understanding.

Relationship to Essential Employability Skills

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

EES 1 Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience. (A)

EES 2 Respond to written, spoken or visual messages in a manner that ensures effective communication. (A)

EES 6 Locate, select, organize and document information using appropriate technology and information systems. (A)

EES 7 Analyze, evaluate and apply relevant information from a variety of sources. (A)
EES 8  Show respect for diverse opinions, values, belief systems and contributions of others. (A)

EES 10 Manage the use of time and other resources to complete projects. (A)

EES 11 Take responsibility for one’s own actions, decisions and consequences. (A)

Course Learning Requirements/Embedded Knowledge and Skills

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

1.) Trace the history of the automobile.
   Identify early automobile designs and distinguish between their features.
   Discuss significant developments in automotive technology, their dates and impact on automotive production and use.
   Describe the impact of the early automobile on previous transportation systems.
   Give examples of the contribution of automotive manufacturing processes to North American business practices.

2.) Explain the environmental impact of the automobile.
   Describe the impact of the automobile on air quality and the environment.
   Explain the impact of automotive production and waste products on the environment.
   State the environmental protection practices manufacturers have introduced.

3.) Explain the social impact of the automobile.
   Identify the effects of the automobile on family life.
   Outline the effects of the automobile sector on organized labour.
   Describe the effects of the automobile on working life.
   Describe the effects of the automobile on recreation.

4.) Explain the economic impact of the automobile.
   Explain the contribution of the automotive manufacturing sector to Canada’s economy.
   Describe the contribution of the automotive sales, service and repair sector to Canada’s economy.
   Discuss the global nature of the automotive industry.
   Describe the role of the automobile in the transportation of goods and provision of services.

5.) Explain the impact of the automobile on innovation and design.
   Discuss the link between automobile manufacture and the development of new materials and processes.
   Give examples of the link between the aesthetics of automobile design and the design of other items.
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, CLR 4, CLR 5, EES 1, EES 6, EES 7, EES 10, EES 11

Quiz(izes)/Test(s) (35%)
Validates Outcomes: CLR 1, CLR 2, CLR 3, CLR 4, CLR 5, EES 7, EES 10, EES 11

Discussion Forum (25%)
Validates Outcomes: CLR 1, CLR 2, CLR 3, CLR 4, CLR 5, EES 1, EES 2, 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

During this course you are likely to experience:
- An initial meeting of students and instructor.
- A Brightspace Learning Environment.
- A detailed online Study Guide for the 2019 – 2020 Academic Year.
- Numerous online resources.
- Self-directed study and research.
- Project-based learning.
- Assigned readings.
- Online quizzes and discussions.

Learning Activities

Taking online trivia “Test Drives” to assess your knowledge and to learn new information about the role of cars in North American Culture.
Reading information from Internet sources.
Researching information and answering project questions.
Discussing course content online with fellow students.
Observing the car culture and recording it through photographs, words and other media.
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

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<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>
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<tr>
<td>D</td>
<td>53% - 56%</td>
<td>1.2</td>
<td>D-</td>
<td>50% - 52%</td>
<td>1.0</td>
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<tr>
<td>F</td>
<td>0% - 49%</td>
<td>0</td>
<td>FSP</td>
<td>0</td>
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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

Please refer to the Course Section Information (CSI) weekly schedule/study guide for specific course-related information as provided by your Professor.

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 Mobile Devices in Class
With the proliferation of small, personal mobile 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 Mobile 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
## 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