

Fanshawe College

FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

Documentation (Approvals etc...)

Advanced Ergonomic Studies

2022

ADE1 Curriculum Modification for 2021-22



Fanshawe College

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CURRICULUM MODIFICATION REQUEST FORM

COURSE OR PROGRAM CURRICULUM "RATIONALE FOR CHANGE"

Program Requiring Changes

| | | |
|---|---|---|
| Program Title: Advanced Ergonomic Studies | | |
| Program Number: ADE1 | Date Submitted: | |
| Dean responsible for program: | Associate Dean: Mark Hunter | |
| Credential Provided: <input type="checkbox"/> Declaration of Academic Achievement <input type="checkbox"/> Local Certificate <input type="checkbox"/> Ontario College Certificate <input type="checkbox"/> Diploma <input type="checkbox"/> Advanced Diploma <input checked="" type="checkbox"/> Grad Certificate <input type="checkbox"/> Degree <input type="checkbox"/> Apprenticeship | | |
| Program Intakes: <input checked="" type="checkbox"/> F <input type="checkbox"/> W <input type="checkbox"/> S Other: | Catalogue Year(s) Impacted: 2021-2022 | |
| Residency Requirement: <input checked="" type="checkbox"/> Met or <input type="checkbox"/> Not Met | Date of Last Program Review: Click here to enter a date. | |
| <i>I have read the reasons for the change and...</i> | | <i>Signature and date</i> |
| Associate Dean of School: | <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve |  |
| Dean of Faculty (Lead program): | <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | |
| Dean of Faculty (Affiliate program-impacted by change): | <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | |
| Senior Vice President Academic (required for major changes and late DAs): | <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve | |
| Director, Centre for Academic Excellence: | <input checked="" type="checkbox"/> Supports <input type="checkbox"/> Does Not Support |  June 6, 2022 |
| Office of the Registrar: | <input type="checkbox"/> Supports <input type="checkbox"/> Does Not Support | |
| Notes: | | |

Please answer each of the questions below, if applicable. Missing or incomplete information may delay review of the proposed changes.

1.0 Describe proposed change(s). Complete Appendix A (if necessary), Appendix B and amend SDAR (Refer to Appendix C).

2.0

Reduce ERGO 6009 Human Factors and design from 75 hours to 66 hours. This course is a combination of Lab and Theory.

Current delivery:

Theory hours are delivered as three hours per week x 15 weeks, (45 hours).

Lab is delivered as 3 hours in one section x 10 weeks (30 hours).

Total hours = 75 hours

Proposed Change:

Theory hours are unchanged (45 hours)

Lab will be split into two sections. Delivered as three hours per week on alternating weeks, 3 hours per week x 7 weeks over the term (21 hours)

Total Hours = 66

Reason/Rationale for Changes

2.1 The reason for the change is based on:

- A recent program review
- Program Advisory Committee feedback
- Student feedback
- KPI results
- Accreditation or other regulatory requirements
- Shared curriculum
- Trends in the field/industry
- Other (please describe):

This change was done to accommodate physical distancing requirements in labs due to COVID. The reduced section size running on alternative weeks throughout the entire term in the hands on lab component has been found to be a more effective delivery model.

2.2 Does the change support the College's Strategic Framework (mission, vision, values)?

- Yes
- No (If no, please explain)

2.3 What strategic goal(s) does the proposed change support?

- Goal 1 – Enhance innovative practices for exceptional student learning
- Goal 2 – Manage enrolment growth

- Goal 3 – Optimize use of resources
- Goal 4 – Build sustainable sources of alternative revenue

3.0 Students

3.1 Will the change affect the cost of the program for students?

- Yes
- No

3.2 If yes, there will be an additional cost for:

- Materials (Include details):
- Equipment (Include details):
- Other (Please describe):

4.0 Program Learning Outcomes

4.1 Will the proposed change meet the Program Vocational Learning Outcomes? (Complete Appendix B and mark the changes in the mapping [e.g. red font])

- Yes
- No

4.2 Are there any implications related to progression because of pre-requisite courses (and/or co-requisite courses)?

- No
- Yes (If yes, please explain)

5.0 Relationships with Other Programs

5.1 Are any of the courses impacted by the change provided by another School (e.g., SLLS, LKSB) and/or delivered at another campus?

- No
- Yes

5.2 What Schools/Campuses will be impacted by the proposed change?

- Lawrence Kinlin School of Business
- School of Information Technology
- School of Contemporary Media
- School of Design
- School Digital and Performing Arts
- School of Tourism, Hospitality and Culinary Arts
- School of Community Studies
- School of Health Sciences

- School of Nursing
- School of Public Safety
- Donald J. Smith School of Building Technology
- Norton Wolf School of Aviation Technology
- School of Applied Sciences and Technology
- School of Transportation Technology and Apprenticeship
- School of Language and Liberal Studies
- English Language Institute
- London South Campus
- Simcoe/Norfolk Regional Campus
- St Thomas/Elgin Regional Campus
- Woodstock/Oxford Regional Campus
- Huron/Bruce Regional Sites

5.3 Will the change affect pathway agreements (e.g., bridging, articulations, laddering, advanced standing) with other Fanshawe program(s) and/or other institution(s)?

(Refer to the pathway agreements listed here: <http://transferagreements.fanshawec.ca/>)

- No
- Yes (If yes, indicate when you will notify the other Fanshawe program(s) and/or other institution(s) and the Pathways Coordinator in the Centre for Academic Excellence of the change)

5.4 If this program is a Co-Operative Education program, will the proposed change impact Co-op?

- No
- Yes (If yes, consult with the Co-op office prior to submission)

6.0 Resource Implications of Proposed Changes

6.1 Will the proposed change have staffing implications?

- No
- Yes (If yes, please explain)
This will result in a an increase of 15 TCHs for the program

6.2 Will the proposed change impact any of the Enabling areas?

- No
- Yes (If yes, please explain)

6.3 Will the proposed change affect space and/or technology requirements?

- No
- Yes (If yes, please explain)

7.0 General College Requirements

7.1 Are changes consistent with Colleges policies?

- Yes
 No (If no, please explain)

7.2 Will the program meet the General Education requirements (Policy A126) as listed below?

- No
 Yes

| | | |
|---|--|---|
| Local Certificate, Ontario College Certificate and Graduate Certificate - none required) | Diploma - 3 required (minimum of 1 must be an elective) | Advanced Diploma - 4 required (minimum of 2 must be electives) |
|---|--|---|

7.3 Will the program have 25% distinct curriculum to meet the Residency Requirement of 25% credit units? Consider all pathway agreements (e.g., bridging, internal articulations, laddering, advanced standing) with other Fanshawe programs and/or other institutions.

- No
 Yes

Note: In accordance with POLICY NUMBER: A122 Graduation from Approved College Programs

...to be eligible for any College Credential a student must be enrolled and complete at least 25% of that program's credit units at Fanshawe College, unless stipulated differently by other approving bodies such as the Postsecondary Education Quality Assessment Board (PEQAB).

7.4 Indicate:

- i) Total program hours before proposed change: 790
 ii) Total program hours after proposed change: 781
 iii) Level(s) in which the proposed change(s) occurs: Level 2

7.4.1 Are the total program hours consistent with the requirements as listed below?

- Yes
 No (If no, please explain)

| | |
|---|--|
| Local Certificate - 300 hours | Ontario College Certificate - 600 hours |
| Diploma - 1200 to 1400 hours | Advanced Diploma - 1800 to 2100 hours |
| Graduate Certificate - 600 hours | DOAA – 120 to 299 hours |

Degree Audit Report

Catalog: 2021/2022

| | |
|--|---|
| <p>Program: ADE1</p> <p>Department: PSF - Public Safety</p> <p>Academic Level: PS</p> <p style="padding-left: 20px;">CCD: 7 - 2AcadSem/600-700 hrs</p> <p>Credential: Ontario College Graduate Cert</p> <p>Grade Scheme: LG2</p> <p>Major: ADE1 - Advanced Ergonomic Studies</p> <p>Co-Op Indicator: N/A</p> | <p>Name: Advanced Ergonomic Studies</p> <p>Div: FHS - Fclty of Hlth, Comm St, Public Sfty</p> |
|--|---|

Academic Program Requirement

| | |
|------------------------------|----------------------------------|
| Total Credits: 38.00 | Residency Reqmt: 10.00 |
| GPA Requirement: 2.00 | Residency Reqmt GPA: 2.00 |
| Minimum Grade: D | |

Academic Requirement: ADE1.21 Advanced Ergonomic Studies

Major: ADE1

Grade Scheme: LG2

Minimum GPA: 2.00

Minimum Grade:

Subrequirement: Level 1

Take all of the following Mandatory Courses:

| | | Total Hours | Total Credits | GE |
|-----------|-------------------------------|--------------------|----------------------|-----------|
| ERGO-6006 | Ergonomics Theory & Practice | 90.00 | 4.50 | |
| ERGO-6002 | Research Methods & Statistics | 60.00 | 4.00 | |
| ERGO-6004 | Human-Computer Interactions | 30.00 | 2.00 | |
| SFTY-6006 | Safety in the Workplace | 60.00 | 4.00 | |

Subrequirement: Level 2

Take all of the following Mandatory Courses:

| | | Total Hours | Total Credits | GE |
|-----------|----------------------------|--------------------|-----------------------|-----------|
| ERGO-6005 | Research in Ergonomics | 45.00 | 3.00 | |
| ERGO-6007 | Ergonomics Instrumentation | 90.00 | 4.50 | |
| ERGO-6009 | Human Factors & Design | 66.00 | 75.00 4.00 | |
| ERGO-6001 | Professional Development | 30.00 | 2.00 | |
| ERGO-6003 | Ergonomics & Legislation | 30.00 | 2.00 | |

Subrequirement: Level 3

Take the following Mandatory Course:

| | | Total Hours | Total Credits | GE |
|-----------|-----------------|--------------------|----------------------|-----------|
| FLDP-6016 | Field Placement | 300.00 | 8.00 | |

Subrequirement: Program Residency

Students Must Complete a Minimum of 10 credits in this program at Fanshawe College to meet the Program Residency requirement and graduate from this program

Degree Audit Report

Approved By Chair/Manager:

Department and Date:

Approved by Dean:

Date:

General Education Approved By(as appropriate):

Date: