

Fanshawe College

## FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

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Documentation (Approvals etc...)

Architectural Technology

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2012

### ATY1 Curriculum Modification for 2012-13 2013-14

Fanshawe College

Follow this and additional works at: [https://first.fanshawec.ca/cae\\_buildingtech\\_architecturaltech\\_documentation](https://first.fanshawec.ca/cae_buildingtech_architecturaltech_documentation)

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April 24<sup>th</sup>, 2012

To: Lane Trotter

Re: Request for Late Change to Degree Audit

ATY1 – Architectural Technology 2012/2013 and 2013/2014 Catalogs

These changes were suggested by the Office of the Registrar to rectify a co-requisite problem it had observed.

Recommend: Approval

A handwritten signature in cursive script, appearing to read "Deb", with a horizontal line extending from the end of the signature.

Deb Wilkin

# Request for Late Change to Degree Audit Form

**RECEIVED**  
APR 09 2012  
REGISTRAR

To the Division --

1. A copy of the Degree Audit Report (SDAR) with changes marked must accompany this request.
2. Please keep Yellow Copy of the Form and photocopy of SDAR Report with marked changes for your records
3. Allow 5 business days after receipt in the Office of the Registrar for the completion of this request.

**To be completed by Division (please print)**

ATYI                      Architectural Technology                      05/04/2012  
Program #                      Program Name                      Date of Request (dd/mm/yyyy)

BLD                      G. Gerard                      2013 20134  
Division                      Program Co-ordinator                      Catalogs (To be updated – attach all copies)

Reason for late change \_\_\_\_\_

20123 - In error, it was understood that the new Curriculum would take effect in 20134. The attached DA reflects the changes that should have been submitted by December 1, 2011.

20134 - this DA should have been submitted by December 1, 2011 in order to be current for publication purposes.

If the change is a correction to the Degree Audit, identify the impact on current students (please review and submit student EVALS with submission to determine possible impact) There is no impact as the revised Curriculum is not offered until Fall, 2012

(attach sample EVALS)  
Academic Manager Signature [Signature]                      Date (dd/mm/yyyy) 05/04/2012

I have read the reasons for the change and any possible impact. Permission is granted:  Yes  No

Vice-President Academic Signature \_\_\_\_\_ Date (dd/mm/yyyy) \_\_\_\_\_

Comments \_\_\_\_\_

**Registrar Office Use Only**  
APRS Updated:  Initials: \_\_\_\_\_  
Catalog(s) Updated: \_\_\_\_\_

EVAL printed:  Initials: \_\_\_\_\_  
Division Notified:  Date: \_\_\_\_\_  
Signed Copy Returned:  Date: \_\_\_\_\_

PROGRAM/CURRICULUM "RATIONALE FOR CHANGES"

RECEIVED  
APR 09 2012

REGISTRAR

All requests for changes to programs of instruction must be submitted to the Registrar's Office by December 1st each year for changes to be implemented for the following September intake. All changes require the approval of the Dean and possibly the VPA's Office, if significant.

REMINDER: We need to ensure that changes are made properly and in a timely manner to: maximize student success; optimize employment preparation; meet all quality and integrity responsibilities to MTCU, PQAPA and our Board of Governors; and meet community expectations.

- ↳ The **Program/Curriculum "Rationale for Changes"** should be completed using this template and all areas must be completed. An electronic copy of this document should be submitted to the Registrar's Office.
- ↳ The Dean/Chair responsible for the program should consult with other affected schools and obtain the appropriate sign-offs on a paper copy of this document. Once all consultations and sign-offs have occurred, the paper copy should be submitted to the RO
- ↳ Course Request Forms must also be submitted electronically to Strategy and Planning for all new courses. These will be forwarded to Scheduling following approval of the changes by the Dean and possibly the VPA's Office.

1.0 Program Requiring Changes

Program Title:	Architectural Technology	
Program Alpha & Number:	ATY1	
Effective Catalog Year:	20123 / 20134	

*Please answer each of the questions below, if applicable. Missing or incomplete information may delay approval and/or implementation of the proposed changes.*

2.0 Rationale for Changes

2.01 Provide a brief description of the reasons for the proposed changes.

THESE RECOMMENDATIONS WERE DONE TO ACCOMODATE/FIX A CO REQUISITE ISSUE AS OBSERVED BY THE OFFICE OF THE REGISTRAR.

2.02 Students

- Are changes a response to student feedback? Or our Programs Data Report - Weak Factors? (summarize how changes address this issue) **No.**
- How will changes affect student learning and success? (describe evidence to support this) **CONTRIBUTES TO BETTER GPA'S**
- How will changes affect cost of the program for students? (e.g., materials fees; equipment fees - laptop program; OSAP implications) **NONE.**
- How will changes affect the flow of the program? **MINIMAL.**

2.03 Relationship of Program to Industry

- How do changes reflect trends in the field or in industry? (Provide data regarding industry and/or professional trends.) N/A .

2.04 Program Learning Outcomes

- How do the changes align with Ministry outcomes? (Provide a copy of the completed program map indicating gaps/overlaps that are being corrected) REINFORCES THEM .

2.05 Relationships with Other Fanshawe College Programs

- Is this course in a laddered program or part of any other Fanshawe College program? No .

2.06 Relations with Other Post-Secondary Programs

- How will the changes affect transfer agreements with other post-secondary institutions? No .
- What discussions have been initiated with these institutions regarding the changes? NONE .

2.07 Changes on Fit of Program with general College Requirements for Programs

- How do changes affect the fit of the program with the College's strategic plan, program mix, general education requirements, marketing? N/A .
- Are changes consistent with Colleges policies/practices? (Identify specific areas where policies/practices need to be altered if program changes approved.) YES .

3.0 Consultation Regarding Proposed Changes

3.01 Consultation With Program Advisory Committee

- Indicate feedback from the program advisory committee regarding the changes. N/A .

3.02 Consultation With Other Programs/Schools/Services

- What programs/schools/services have been consulted? N/A .
- What feedback and suggestions have been offered through consultation? N/A .

4.0 Resource Implications of Proposed Changes

4.01 Staffing

- Outline all staffing consequences, both for the program and related areas.

4.02 Services

- Outline all consequences on other areas. N/A .

4.03 Space or Technology Requirements

- Outline how changes affect space and/or technology requirements. N/A .

4.04 Budgetary Implications

- Outline budgetary implications (include consequences on other schools such as increase/decrease in teaching hours required)
- Outline changes to materials fees.

Approvals: Chair of School and Dean of Faculty; possibly VPA's Office, if significant

Approved

Not Approved / Requires Changes

*Don Pugh*  
Chair of School/Campus (signature)

*Feb. 2/12*  
Date

*W. Holigan*  
Dean of Faculty (signature)

*February 2/12*  
Date

Chair of Servicing School, if required (signature)

Date

Vice-President, Academic, if required (signature)

Date

*S. Smith*  
*Apr 24 / 2012*

**RECEIVED**  
 APR 09 2012  
 REGISTRAR

**Degree Audit Report**

**Catalog:** 2012/2013

**Program:** ATY1

**Name:** Architectural Technology

**Department:** BLD - Building Technology

**Academic Level:** PS

**CCD:** 9 - 6AcadSem/1800-2100hrs

**Grade Scheme:** LG2

**Major:** ATY1 - Architectural Technology

**Div:** BLD - Building Technology Division

**Co-Op Indicator:** Mandatory Co-op

**Academic Program Requirement**

**Total Credits:** 144.25

**Residency Reqmt:** 37.00

**GPA Requirement:** 2.000

**Residency Reqmt GPA:** 2.000

**Minimum Grade:** D

**Academic Requirement:** ATY1.12 Architectural Technology

**Major:** ATY1

**Grade Scheme:** LG2

**Minimum GPA:** 2.000

**Minimum Grade:**

**Subrequirement:** Level 1

Take all of the following Mandatory Courses:

		<b>Total Hours</b>	<b>Total Credits</b>	<b>GE</b>
ARCH-1001	Architectural Design 1	45.00	3.00	
CADD-1041	Architectural AutoCAD 1	60.00	4.00	
WRIT-1039	Reason & Writing 1-Technology	45.00	3.00	
DRAF-1059	Architectural Fundamentals 1	45.00	3.00	
MATS-1002	Materials & Methods 1	45.00	3.00	
MATH-1061	Statics	45.00	3.00	
ARCH-1006	History of Architecture	45.00	3.00	**
ENVR-1017	Sustainability in the Built Environment	45.00	3.00	

**Subrequirement:** Level 2

Take all of the following Mandatory Courses:

		<b>Total Hours</b>	<b>Total Credits</b>	<b>GE</b>
CADD-1042	Architectural AutoCAD 2	60.00	4.00	
ARCH-1003	Architectural Design 1 + Project 2	45.00	3.00	135.00 9.00
ARCH-1004	Ontario Building Code I	30.00	2.00	
<del>DRAF-3022</del>	<del>Architectural Project 2</del>	<del>90.00</del>	<del>5.25</del>	
MATS-1007	Materials & Methods 2	45.00	3.00	
MECH-1009	Mechanics of Materials	45.00	3.00	
MATH-1041	Architectural Mathematics	45.00	3.00	
SFTY-1029	Health & Safety	45.00	3.00	**

**Subrequirement:** Level 3

Take all of the following Mandatory Courses:

**Total Hours Credits GE**

## Degree Audit Report

		Total Hours	Total Credits	GE
3015	ARCH-3002- Architectural Design #4 Project 3	45.00	3.00	135.00 9.00
	ARCH-1021 Ontario Building Code 2	30.00	2.00	
	<del>DRAF-3024 Architectural Project 3</del>	<del>90.00</del>	<del>5.25</del>	
	ENGR-1004 Environmental Engineering-Electrical	30.00	2.00	
	MATS-3009 Materials & Methods 3	45.00	3.00	
	CONS-1012 Quantities	45.00	3.00	
	ENGR-3007 Structural Engineering 1	45.00	3.00	
	SURV-1002 Surveying	45.00	3.00	

**Subrequirement: Level 4**

Gen Ed - Take a 3 credit General Education elective course

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
ARCH-3003 3016	Architectural Design #4 Project 4	45.00	3.00	135.00 9.00
<del>CADD-5011 3030</del>	<del>Rendering</del>	<del>45.00</del>	<del>3.00</del>	
<del>DRAF-3025</del>	<del>Architectural Project 4</del>	<del>90.00</del>	<del>5.25</del>	
ENGR-1006	Environmental Engineering (HVAC)	60.00	4.00	
MATS-3010	Materials & Methods 4	45.00	3.00	
ENGR-3009	Structural Engineering 2	30.00	2.00	
CADD-3030	BIM - Building Information Modelling	45.00	3.00	

**Subrequirement: Level 5**

Gen Ed - Take a 3 credit General Education elective course

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
URBN-1025	Urban Environmental Studies	30.00	2.00	
ARCH-5001	Building Science 1	45.00	3.00	
ARCH-5002 5009	Architectural Design # + Project 5	45.00	3.00	135.00 9.00
<del>DRAF-3026</del>	<del>Architectural Project 5</del>	<del>90.00</del>	<del>5.25</del>	
ECON-1010	Building Economics	45.00	3.00	
ARCH-3007	Specifications 1	30.00	2.00	
ENGR-5007	Structural Engineering 3	45.00	3.00	

**Subrequirement: Level 6**

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
ARCH-5004 5010	Architectural Design # + Project 6	45.00	3.00	135.00 9.00
ARCH-5005	Building Science 2	45.00	3.00	
ARCH-5006	Architectural Office Procedures	45.00	3.00	
<del>DRAF-5013</del>	<del>Architectural Project 6</del>	<del>90.00</del>	<del>5.25</del>	
ARCH-5007	Specifications 2	45.00	3.00	
ENGR-5009	Structural Engineering 4	30.00	2.00	
COMM-5005	Technical Report Prod for Bldg Tech'y	30.00	2.00	

**Subrequirement: Gen Ed - Electives**

Take 6 General Education Credits -

Normally taken in Levels 4 and 5

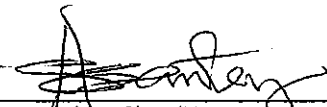
**Subrequirement: Check Residency**

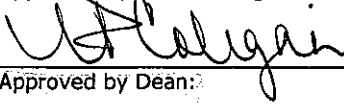
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Credits at Fanshawe to meet the Residency Requirement and

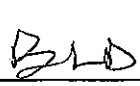


**Degree Audit Report**

  
\_\_\_\_\_  
Approved By Chair/Manager:

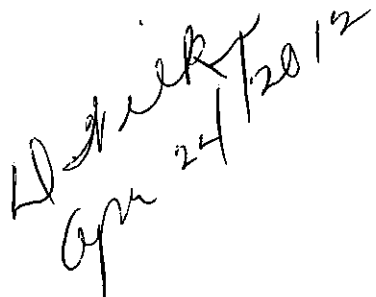
  
\_\_\_\_\_  
Approved by Dean:

\_\_\_\_\_  
General Education Approved By(as appropriate):

 / APRIL 5, 2012  
\_\_\_\_\_  
Department and Date:

APRIL 9, 2012  
\_\_\_\_\_  
Date:

\_\_\_\_\_  
Date:

  
Apr 24 / 2012

**RECEIVED**

APR 09 2012

**REGISTRAR****Degree Audit Report****Catalog:** 2013/2014**Program:** ATY1**Name:** Architectural Technology**Department:** BLD - Building Technology**Academic Level:** PS**CCD:** 9 - 6AcadSem/1800-2100hrs**Grade Scheme:** LG2**Major:** ATY1 - Architectural Technology**Div:** BLD - Building Technology Division**Co-Op Indicator:** Mandatory Co-op**Academic Program Requirement****Total Credits:** 144.25**Residency Reqmt:** 37.00**GPA Requirement:** 2.000**Residency Reqmt GPA:** 2.000**Minimum Grade:** D**Academic Requirement:** ATY1.13 Architectural Technology**Major:** ATY1**Grade Scheme:** LG2**Minimum GPA:** 2.000**Minimum Grade:****Subrequirement:** Level 1

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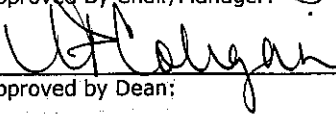
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**Degree Audit Report**

  
Approved By Chair/Manager:

  
Approved by Dean:

General Education Approved By(as appropriate):

BLD / APRIL 5, 2012  
Department and Date:

April 9, 2012  
Date:

Date:

*D. J. Kelly  
April 27, 2012*

February 21<sup>st</sup>, 2012

To: Lane Trotter

Late Degree Audit Request

ATY1 Architectural Technology

2012-2013 Catalogue

Recommendation: Approve Request –1) solution to a co-requisite problem recommended by the Registrar and Manager, CAE ; 2) change a course as recommended by the program review process

---

Deb Wilkin

February 3, 2012

Lane,

Attached are revised Degree Audits for the Architectural Technology program for the 20123 catalog year and the accompanying Program/Curriculum "Rationale for Changes" document.

The December 1, 2011 deadline for submission of Degree Audit changes was not met due to the transition of the position of Chair to the Acting Chair.

Thank you.



Dan Douglas  
Chair, School of Building Technology

Industry  
Program  
Review  
Process

## PROGRAM/CURRICULUM "RATIONALE FOR CHANGES"

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Program Title:	Architectural Technology	
Program Alpha & Number:	ATY1	
Effective Catalog Year:	20123	

*Please answer each of the questions below, if applicable. Missing or incomplete information may delay approval and/or implementation of the proposed changes.*

### 2.0 Rationale for Changes

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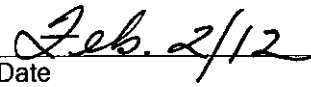


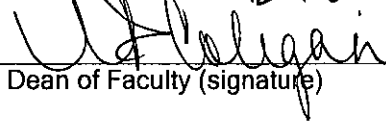
Approvals: Chair of School and Dean of Faculty; possibly VPA's Office, if significant

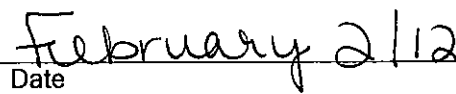
Approved

Not Approved / Requires Changes

  
Chair of School/Campus (signature)

  
Date

  
Dean of Faculty (signature)

  
Date

Chair of Servicing School, if required (signature)

Date

Vice-President, Academic, if required (signature)

Date

## Degree Audit Report

Catalog: 2012/2013

---

**Program:** ATY1 **Name:** Architectural Technology  
**Department:** BLD - Building Technology  
**Academic Level:** PS  
**CCD:** 9 - 6AcadSem/1800-2100hrs

**Grade Scheme:** LG2  
**Major:** ATY1 - Architectural Technology **Div:** BLD - Building Technology Division  
**Co-Op Indicator:** Mandatory Co-op

**Academic Program Requirement**


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**Minimum Grade:** D

**Academic Requirement:** ATY1.12 Architectural Technology

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DRAF-1059	Architectural Fundamentals 1	45.00	3.00	
MATS-1002	Materials & Methods 1	45.00	3.00	
MATH-1061	Statics	45.00	3.00	
ARCH-1006	History of Architecture	45.00	3.00	**
ENVR-1017	Sustainability in the Built Environment	45.00	3.00	

**Subrequirement:** Level 2

Take all of the following Mandatory Courses:

		<b>Total Hours</b>	<b>Total Credits</b>	<b>GE</b>
CADD-1042	Architectural AutoCAD 2	60.00	4.00	
<del>ARCH-1003</del>	<del>Architectural Design 2</del>	<del>45.00</del>	<del>3.00</del>	
ARCH-1004	Ontario Building Code I	30.00	2.00	
<del>DRAF-3022</del>	<del>Architectural Project 2</del>	<del>90.00</del>	<del>5.25</del>	
MATS-1007	Materials & Methods 2	45.00	3.00	
MECH-1009	Mechanics of Materials	45.00	3.00	
MATH-1041	Architectural Mathematics	45.00	3.00	
SFTY-1029	Health & Safety	45.00	3.00	**
ARCH-1030	ARCHITECTURAL DESIGN + PROJECT 2	135.00	9.00	

**Subrequirement:** Level 3

Take all of the following Mandatory Courses:

	<b>Total Hours</b>	<b>Total Credits</b>	<b>GE</b>
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## Degree Audit Report

<del>ARCH-3002</del>	<del>Architectural Design 3</del>	<del>45.00</del>	<del>3.00</del>
ARCH-1021	Ontario Building Code 2	30.00	2.00
<del>DRAF-3024</del>	<del>Architectural Project 3</del>	<del>90.00</del>	<del>5.25</del>
ENGR-1004	Environmental Engineering-Electrical	30.00	2.00
MATS-3009	Materials & Methods 3	45.00	3.00
CONS-1012	Quantities	45.00	3.00
ENGR-3007	Structural Engineering 1	45.00	3.00
SURV-1002	Surveying	45.00	3.00
ARCH-3013	ARCHITECTURAL DESIGN & PROJECT 3	135.00	9.00

**Subrequirement: Level 4**

Gen Ed - Take a 3 credit General Education elective course

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
<del>ARCH-3003</del>	<del>Architectural Design 4</del>	<del>45.00</del>	<del>3.00</del>	
CADD-5011 3030	BIM - BUILDING INFORMATION MODELLING RENDERING	45.00	3.00	✓
<del>DRAF-3025</del>	<del>Architectural Project 4</del>	<del>90.00</del>	<del>5.25</del>	
ENGR-1006	Environmental Engineering (HVAC)	60.00	4.00	
MATS-3010	Materials & Methods 4	45.00	3.00	
ENGR-3009	Structural Engineering 2	30.00	2.00	
ARCH-3016	ARCHITECTURAL DESIGN & PROJECT 4	135.00	9.00	✓

**Subrequirement: Level 5**

Gen Ed - Take a 3 credit General Education elective course

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
URBN-1025	Urban Environmental Studies	30.00	2.00	
ARCH-5001	Building Science 1	45.00	3.00	
<del>ARCH-5002</del>	<del>Architectural Design 5</del>	<del>45.00</del>	<del>3.00</del>	
<del>DRAF-3026</del>	<del>Architectural Project 5</del>	<del>90.00</del>	<del>5.25</del>	
ECON-1010	Building Economics	45.00	3.00	
ARCH-3007	Specifications 1	30.00	2.00	
ENGR-5007	Structural Engineering 3	45.00	3.00	✓
ARCH-5009	ARCHITECTURAL DESIGN & PROJECT 5	135.00	9.00	✓

**Subrequirement: Level 6**

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
<del>ARCH-5004</del>	<del>Architectural Design 6</del>	<del>45.00</del>	<del>3.00</del>	
ARCH-5005	Building Science 2	45.00	3.00	
ARCH-5006	Architectural Office Procedures	45.00	3.00	
<del>DRAF-5013</del>	<del>Architectural Project 6</del>	<del>90.00</del>	<del>5.25</del>	
ARCH-5007	Specifications 2	45.00	3.00	
ENGR-5009	Structural Engineering 4	30.00	2.00	
COMM-5005	Technical Report Prod for Bldg Tech'y	30.00	2.00	✓
ARCH-5010	ARCHITECTURAL DESIGN & PROJECT 6	135.00	9.00	✓

**Subrequirement: Gen Ed - Electives**

Take 6 General Education Credits -

Normally taken in Levels 4 and 5

**Subrequirement: Check Residency**

Students Must Complete a Minimum of 37 of the Program

Credits at Fanshawe to meet the Residency Requirement and

Degree Audit Report

Don Dingle  
Approved By Chair/Manager:

W. Heligan  
Approved by Dean:

General Education Approved By(as appropriate):

Building Tech by Feb 2/12  
Department and Date:

February 2, 2012  
Date:

Date:

*W. Heligan  
Feb 21/2012*