

**Memorandum of Agreement (MoA) - Schedule 'D'**

in relation to Programme Articulation Arrangements  
between

**Institute of Technology Sligo and Fleming College**  
in the fields of Mechatronics

**(incorporating Instrumentation & Control Engineering  
Technician)**

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**June 2016**

## **1.0. General Terms of Agreement**

Sir Sandford Fleming College of Applied Arts and Technology (Fleming College) and Institute of Technology Sligo (IT Sligo) have signed a Memorandum of Understanding (MoU) committing to ongoing collaboration on several important fronts. Under the umbrella of this MoU, specific student pathways have been identified that enhance the professional and international learning opportunities for the graduates of Fleming College (affiliated to Colleges Ontario) and of the Institute of Technology Sligo (affiliated to Institutes of Technology Ireland).

In each program area for which there is mutual interest in student pathway development, a team of Fleming College and IT Sligo discipline experts have undertaken an alignment and gap analysis based on a comparison of Irish National and Ontario Qualifications Frameworks. Further analysis of a representative sample of program curricula identified that specific curricula vary in focus, the balance of theory and application, and course content.

Based on these analyses, the discipline expert teams recommend to the receiving Institute of Technology Sligo a) block Baccalaureate credit for related Fleming College Diploma study, b) relevant qualifications and bridging requirements and c) point-of-entry to honours baccalaureate programmes.

This MoA offers these recommendations with the understanding that IT Sligo and Fleming College are the sole arbiters in relation to their academic commitments and that individual institutions will make all final decisions in relation to their participation or otherwise under the terms of this agreement.

It is hereby agreed between Fleming College and IT Sligo, who are parties to this MoA and listed in Appendix A (herein), that graduates of Fleming College Diploma programs who meet the Ontario Ministry of Training, Colleges and Universities' (MTCU) Learning Outcomes Program Standards for the fields of Instrumentation & Control Engineering Technician are eligible for consideration for admission to the IT Sligo programmes listed in Appendix B below.

This agreement is subject to review whenever either party makes curricular changes that affect the agreement. When a change occurs, the program departments will notify their respective articulation designates so that the agreement can be updated.

## **2.0. Alignment Studies**

Graduates from Fleming College, who qualify for consideration for admission as specified above, will need to complete studies as detailed in Appendix B, or equivalent, in Canada, Ireland or elsewhere, to qualify for entry to the listed IT Sligo programmes.

## **3.0. Grade Requirements**

To be eligible for consideration for entry to matching IT Sligo programmes, Fleming College students will need to have achieved or bettered the following grade averages:

- Diploma – 60%

These entry grade requirements will be subject to periodic review.

### Appendix A – Parties to this MoA

Institution	Web site	Contact Details
Institute of Technology Sligo (IT Sligo)	www.itsligo.ie	<p style="text-align: center;">Patrick Lynch IT Sligo International Office (lynch.patrick@itsligo.ie)</p> <p style="text-align: center;">Shane Fanning Head of School of Engineering (fanning.shane@itsligo.ie)</p> <p style="text-align: center;">Una Parsons Head of Department of Mechanical &amp; Electronic Engineering (parsons.una@itsligo.ie)</p>
Fleming College	www.flemingcollege.ca	<p style="text-align: center;">Susan Kloosterman Director, Academic Planning, Operations and Student Pathways (susan.kloosterman@flemingcollege.ca)</p> <p style="text-align: center;">David Adam Baker Pathways Coordinator (david.baker@flemingcollege.ca)</p> <p style="text-align: center;">Maxine Mann Dean, School of Trades &amp; Technology (maxine.mann@flemingcollege.ca)</p>

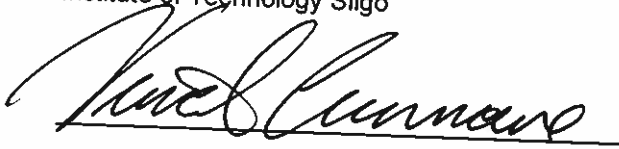
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**OFFICERS RESPONSIBLE FOR MANAGING  
THE MEMORANDUM OF AGREEMENT**

The President of IT Sligo and the Vice President Academic of Fleming College will have responsibility for managing the implementation of the terms of this Memorandum of Agreement. This responsibility may be delegated to relevant members of staff in each organization.

**SIGNATURES**

For, and on behalf of,  
Institute of Technology Sligo



President Professor Vincent Cunnane

Date

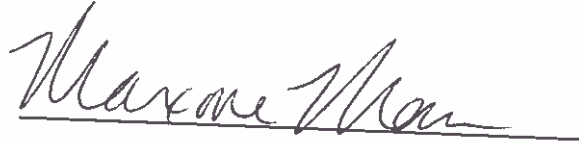
For, and on behalf of,  
Sir Sandford Fleming College of Applied Arts  
and Technology



Laurel Schellen **JUDITH LIMKILDE**  
Vice-President, Academic

Sept. 27/16

Date



Maxine Mann  
Dean, School of Trades & Technology

28/ Sept /2016

Date

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## Appendix B – Required Alignment Studies

IT Sligo Programme	Fleming College Programme	Recommended Fleming College Programme NFQ Level	Recommended Fleming College Number of NFQ Credits	Recommended IT Sligo Point of Entry Programme	Alignment Study Requirements	Exemption Recommendations
BEng in Mechatronics	Instrumentation & Control Engineering Technician (Ontario College Diploma)	6	120	Semester 5 (Full-Time)	N/A	To be considered on an individual student basis to facilitate alignment studies.

### **Recommended Note to Students**

Fleming College Instrumentation & Control Engineering Technician graduates will complete 2 semesters of full-time study in IT Sligo to complete the BEng in Mechatronics (NFQ Level 7) Bachelor Degree. Typically, semesters in IT Sligo operate Sep-Dec and Jan-May. Therefore, the end-to-end period of full-time study for Fleming College students who pass all examinations in IT Sligo would be approximately 9 months.

Alternatively, Instrumentation & Control Engineering Technician graduates can elect to complete 2 years of on-line study with IT Sligo to complete the BEng in Mechatronics (NFQ Level 7) Bachelor Degree. Typically, semesters in IT Sligo operate Sep-Dec and Jan-May. Therefore, the end-to-end period of on-line study for Fleming College students who pass all examinations in IT Sligo would be approximately 21 months.

Graduates of the BEng in Mechatronics (NFQ Level 7) can achieve a BEng (Hon) in Mechatronics (NFQ Level 8) Honours Bachelor Degree via one further year (2 semesters) of full-time study OR 2-years of further on-line study at IT Sligo.

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## Notes

1. The Alignment Study Requirements refer to modules that Fleming College graduates must complete to ensure that they meet the entry requirements of IT Sligo programmes that are cognate with the Diplomas they have completed. Alignment study requirements may be updated in line with programme changes. Students should contact the IT Sligo in advance to ensure that full details of alignment studies are reviewed before they make final decisions re: submitting applications for admission.
2. The Exemption Recommendations column refers to cases where Fleming College graduates have completed both formal and informal learning for which they can be granted exemptions at IT Sligo (the latter under IT Sligo Recognition of Prior Learning (RPL) procedures).
3. It is important that both alignment and exemption details be specified where relevant as, with a combination of alignment and exemption modules, Fleming College graduates may be in a position to avail of "customised semesters" at IT Sligo where they can complete the extra modules required for alignment purposes while completing fewer modules in subject areas in which they are already well qualified.

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