

## Report on Certificates (For-Credit), 2016-17

Division	Certificate	Unit	Category: 1 or 2 <sup>1</sup>	Associated Program (Category 2 only)	Brief Description of Certificate	First Offered (approx. date if unknown)	Approval Date if known (MM/DD/YYYY)
Faculty of Applied Science & Engineering	Communication	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	The Communication Certificate presents an opportunity for interested students to gain specialized expertise and recognition for a personal and professional commitment to enhanced communication skills through courses that expand on communication practices in contexts beyond engineering, deepen theoretical understanding of communication, and facilitate professional development in writing, oral communication, and critical thinking.	September 2015	Approved by Faculty Council April 17, 2015
Faculty of Applied Science & Engineering	Engineering Business	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs, except those in Engineering Science's Mathematics, Statistics and Financial option. Students can complete either the Engineering Business Certificate or the Entrepreneurship,	The Engineering Business Certificate is a collaborative effort across FASE and the Rotman School of Management and is open to engineering students interested in learning more about the business dimension of engineering, from finance and economics to management and leadership.	September 2011	Approved by Faculty Council December 1, 2010

<sup>1</sup> Category 1 is a Post-baccalaureate certificate (stand-alone, for-credit). Category 2 is a Certificate offered in conjunction with an undergraduate program (for-credit). See the [Policy for Certificates \(For-Credit and Not-For-Credit\)](#), 2016 for further details.

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				Innovation and Small Business Certificate, but not both.			
Faculty of Applied Science & Engineering	Engineering Leadership	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	Engineers are taught to think analytically and systematically. Leadership skills build on these strengths to make one a more effective engineer. In the Engineering Leadership Certificate, undergraduate engineering students will learn how to effectively handle complex, human challenges that often mean the difference between success and failure.	September 2014	Approved by Faculty Council December 11, 2013
Faculty of Applied Science & Engineering	Entrepreneurship, Innovation and Small Business	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs. (Note that students can complete either the Entrepreneurship, Innovation and Small Business Certificate, or the Engineering Business Certificate, but not both).	Engineering undergraduates with an interest in running their own businesses can choose to take two half-course electives for the Entrepreneurship Certificate. The first course provides an overview of small businesses, while the second examines business management skills. Rounding out the three-course certificate is a class in engineering economics.	September 2010 (Note that this certificate had existed previously as an “in house” recognition, which did not have a formal governance approval outside of Engineering.)	Approved by Faculty Council May 26, 2010
Faculty of Applied Science & Engineering	Forensic Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	The Certificate in Forensic Engineering allows interested students across disciplines to develop enhanced engineering investigation competencies. In addition to the traditional focus on the investigation of artifacts that do not	September 2017	Approved by Faculty Council 12/01/2016

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					function as intended, causing personal injury and/or monetary loss, the flexibility of the certificate will allow students to gain specialized expertise in areas such as assessing deterioration in infrastructure; improving product quality, procedural practices and engineering design practices; and revising codes and standards to enhance public safety.		
Faculty of Applied Science & Engineering	Global Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	The Certificate in Global Engineering is open to engineering students interested in developing their knowledge of global issues and how engineers can influence and improve conditions around the world. The courses focus on a variety of concepts such as effects of emerging technologies in both developed and developing economies, global energy systems, innovative finance techniques, current theories in international development and foreign aid.	September 2011	Approved by Faculty Council December 1, 2010
Faculty of Applied Science & Engineering	Mineral Resources	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs, except those enrolled in the Mineral Engineering degree program.	The Mineral Resources Certificate will expose students to the mineral resources sector and provide a window into state-of-the-art research in mining.	September 2012	Approved by Faculty Council March 7, 2012
Faculty of	Nuclear	Cross-	2	Open to Engineering	The Nuclear Engineering Certificate	September 2013	Approved by

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Applied Science & Engineering	Engineering	Disciplinary Programs		undergraduate students in all Engineering undergraduate degree programs.	recognizes an interdisciplinary focus on nuclear systems. Nuclear energy constitutes an important component of the energy mix in most national energy strategies, and its proportion will likely increase in response to growing challenges related to fossil-driven climate change. Modular nuclear systems power space craft and remote sites on earth. Future nuclear power systems will address current concerns regarding safety and the environment, and significant breakthroughs are likely in fusion technology.		Faculty Council November 29, 2012
Faculty of Applied Science & Engineering	Renewable Resources Engineering	Cross- Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	The Certificate in Renewable Resources Engineering recognizes a demonstrated focus in sustainable resource management and bio-economics, sustainable energy production, green manufacturing and sustainable communities, and reflects the strong interconnections between the Faculties of Forestry and Engineering. The interdisciplinary offerings of the Faculty of Forestry for engineering students are organized and coordinated by FASE and funded by the Provost as part of their support for graduate-only Faculties and departments.	September 2014	Approved by Faculty Council December 11, 2013
Faculty of Arts & Science	Human Resource Management	Centre for Industrial	1		The certificate in Human Resource Management is designed for students	Certificate in Personnel &	

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	(CHRM)	Relations and Human Resources <sup>2</sup>			who have completed undergraduate degrees in subjects other than human resource management or related programs such as Employment/Industrial Relations who now wish to study courses in this field to meet professional needs, prepare for advanced studies or simply to broaden their academic experience. The level of instruction is undergraduate.	Industrial Relations was launched in the mid-1970s. The program was revised and launched as CHRM in 2001	
Faculty of Arts & Science	Teaching English to Speakers of Other Languages (TESOL)	Woodsworth College	1		The program offers specialized academic and professional preparation to individuals interested in teaching English to second language learners, specifically adults. The certificate consists of eight half-courses.	1972	
Faculty of Law	Certificate in Aboriginal Legal Studies		2	Centre for Indigenous Studies & Variable ( <i>e.g.</i> Collaborative Program in Health Care, English, History, Nursing, Political Science, Social Work)	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses, and producing significant written work of publishable quality in one of those courses. Only graduate level courses are accepted toward the certificate.	Winter, 2012	June, 2013

<sup>2</sup> The program was administered by Woodsworth College and transferred to the Centre for Industrial Relations and Human Resources in 2013. The Program Office located in Woodsworth College continues to administer the program as per the memorandum of agreement.

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Faculty of Law	Certificate in Environmental Studies		2	School of the Environment	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses, producing a research paper, and completing an internship. Only graduate level courses are accepted toward the certificate.	Proposal dated September 22, 2003	June, 2003(?)
Faculty of Law	Certificate in Sexual Diversity and Gender Studies		2	Sexual Diversity Studies	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses, and producing significant written work of publishable quality in one of those courses. Only graduate level courses are accepted toward the certificate.	Winter, 2012	June, 2012
Faculty of Law	Collaborative Program in Jewish Studies		2	Jewish Studies	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses, and producing significant written work of publishable quality in one of those courses. Only graduate level courses are accepted toward the certificate.	Winter, 2011	June, 2011
Faculty of Music	Advanced Certificate in Performance		1		This is an intensive one-year full-time program that allows post undergraduate level students to focus on the development of practical musical skills.		1998-1999
Faculty of Music	Artist Diploma		1		This is a three-year program with a strong emphasis on the development of performance skills. The core curriculum of the program is based on the Bachelor	1952-53	

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					of Music in Performance degree program, without the breadth requirement (arts & science courses).		
Faculty of Music	Diploma in Operatic Performance		1		This is an advanced diploma, requiring two years of full-time study. An additional year of study possible for suitable candidates. The diploma is designed to prepare students through vocal and operatic experience for professional operatic careers.	1969-70	
Ontario Institute for Studies in Education	Certificate in Adult Education	Department of Leadership, Higher and Adult Education	1		The Certificate in Adult Education provides an opportunity for interested applicants to broaden their knowledge of theory and methods in adult education. Specialized areas within the certificate are Adult Education and Sustainability; and Community Healing and Peacebuilding.	Fall 2001	September 1, 2001
Ontario Institute for Studies in Education	Certificate in Leadership in Higher Education	Department of Leadership, Higher and Adult Education	1		The Certificate in Leadership in Higher Education is a part-time program specifically designed to meet the professional development needs of individuals aspiring to be, or who are currently in, leadership roles in colleges and universities. It will be offered only on a compressed format/cohort basis.	Fall 2007	September 1, 2007
Ontario Institute for Studies in Education	Certificate in School Management	Department of Leadership, Higher and Adult Education	1		The Certificate in School Management serves the professional development needs of school business officials and other educational administrators who	Approx. Fall 2000	September 1, 2000 or earlier

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					desire to further their study in school administration.		
Toronto School of Theology	Certificate in Spiritual Care and Psychotherapy		2	Conjoint Master of Pastoral Studies	The conjoint certificate, offered as part of the Master of Pastoral Studies, is designed to equip students to apply to professional bodies for membership, typically with a view to vocations as spiritual care therapists in hospitals, correctional institutions, churches, family therapy practices, private practices, counselling services, palliative care hospices, schools, developmental disability facilities, or the military.	Fall 2016	05/30/2016
University of Toronto Mississauga	Certificate in Curatorial Studies	Department of Visual Studies	2	Art History (Major, Specialist) Art and Art History (Major, Specialist)	Capitalizing on existing courses offered by the Department of Visual Studies, local experiential learning opportunities, and the expertise of the Director/Curator of UTM's Blackwood Gallery, the Curatorial Studies Certificate offers students a compact introduction to the history, theory, and practice of curation, with a focus on curating contemporary art in a global and Canadian context.	Sept 2017	Sept 2017
University of Toronto Scarborough	Certificate Program in Business	Department of Management	1		This is a part-time program designed to provide students with the skills they need to function as managers in today's rapidly changing workplace. The program also gives students who already have degrees in other fields of study an opportunity to focus on	1997-98	

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					business studies. In addition, courses in the program can be used towards various professional designations. Students must complete a total of 6.0 credits, and earn a CGPA of at least 2.0.		