

ONCAT Ontario Council on
Articulation and Transfer

Annual Report
20¹⁵⁻¹⁶

ONCAT is funded by the Government of Ontario



ONCAT Annual Report 2015–2016

Government's Policy Statement for Credit Transfer

"Ontario will have a **comprehensive, transparent and consistently applied** credit transfer system that will improve student pathways and mobility, support student success and make Ontario a postsecondary education destination of choice. The credit transfer system will assist qualified students to move between postsecondary institutions or programs without repeating prior, relevant learning."

Table of Contents

Message from the Board Co-Chairs	1
Message from the Executive Director	3
Why Mobility Matters	5
Our Story	7
Putting Students First	11
Enhancing Our Key Resources	15
Innovative Models for Collaboration	17
Creating a Responsive Postsecondary System	23
Board of Directors	29
Ex Officio Members of the Board	30
Student Advisory Board	31
The ONCAT Team	32
Committees	33

Message from the Board Co-Chairs

Given our role as leaders of postsecondary institutions, we are proud to serve students seeking a postsecondary education to gain the necessary skills and knowledge required to compete in today's global economy.

More and more students today are seeing access to their education, and more importantly, different types of education, as important to their success in the workplace. They are telling us that they believe it is essential that they equip themselves with a diverse range of skills in a way that best speaks to their own interests and aptitudes in order to successfully contribute to society.

The ability to move freely among institutions through credit transfer is responsive to what we hear from students, but also meets employer and economic demands, and ensures that Ontarians receive the best possible value from investments made in postsecondary education. And while the movement of students among colleges and universities and in and out of diploma and degree programs was never a part of the historical design of Ontario's postsecondary education system, ONCAT's work with all of the colleges and universities has proven to be a strong solution.

As the Board Co-Chairs of ONCAT, we are equally proud to be part of an organization that is bringing together institutions, students, and government, to spearhead positive change in the credit transfer environment.

But our work is far from over. While our primary focus is Ontario, we're looking to expand nationally and internationally.

Building on the memorandum of understanding that was signed with our provincial counterparts in British Columbia, Alberta, and New Brunswick, in 2014, ONCAT co-sponsored an inter-provincial transfer forum with BC and Alberta in September, to explore opportunities for pan-Canadian student mobility. This is an exciting next step that will continue to enhance learning opportunities for students.

On behalf of the Board, we wish to express our gratitude to the provincial government for their significant investment in enhancing student mobility, thereby ensuring that it is a continued priority.

We would like to thank Glenn Craney, ONCAT's Executive Director, as well as the secretariat for their leadership and dedication in helping to facilitate change in Ontario's postsecondary sector. And lastly, we would like to extend our appreciation to our colleagues at Ontario's colleges and universities for their continued commitment to in putting students first.

Together, we are shaping the future of credit transfer in Ontario.

Sincerely,



Tim McTiernan
President & Vice-Chancellor,
University of Ontario Institute of Technology



Glenn Vollebregt
President & Chief Executive Officer,
St. Lawrence College

Message from the Executive Director

What a great year it's been for the team at ONCAT. It's hard to believe that we've already been in existence for five years, and have accomplished so much in such a short time, including the launch of our website, ONTransfer.ca, the Course-to-Course Transfer Guide, and, of course, our Student Pathways in Higher Education Conference, to name a few. In this annual report, I am proud to share with you the many highlights from this year, building on our achievements from previous years.

Today, we know that more than 55,000 students transfer in all directions—that's 11 per cent of the student population. There are now almost 1,400 block transfer agreements available on our site, up from 300 in 2011, representing over 800,000 individual opportunities for students. In addition there are almost 150,000 course equivalencies in the Course Transfer Guide. What's most impressive is that over 80 per cent of diploma graduates have a pathway to at least one degree.

We continue to focus on the three government priorities established in 2013, including the Course Transfer Guide, diploma-to-diploma and degree-to-degree pathways, as well as best practices in credit transfer policies and procedures. On this last point, ONCAT's members agreed to a made-in-Ontario set of Principles for Credit Transfer Policies and Procedures. The development of these Principles is a fundamental step in ensuring consistency and transparency in credit transfer assessment and communication processes across Ontario colleges and universities.

We would like to extend our deep appreciation to all of our colleagues in Ontario's colleges and universities, the student groups, and our government partners, all of whom work tirelessly and continually to find innovative ways to promote student success.

I would like to acknowledge all members of our Board of Directors, co-chaired by Glenn Vollebregt, President and CEO of St. Lawrence College, and Tim McTiernan, President and Vice-Chancellor of the University of Ontario Institute of Technology, for their continued leadership and dedication.

And finally, I would like to thank the ONCAT team for their drive, determination, and hard work. This dedicated team has been instrumental in developing the infrastructure needed for a comprehensive and transparent credit transfer system.

From all of us here at ONCAT, thank you for your support as we continue to build an efficient and effective credit transfer system for students.

Sincerely,



Glenn Craney
Executive Director
ONCAT



Why Mobility Matters

Ontario's greatest strength is its people, and as a result, our province's highly skilled, diverse and adaptive workforce is a competitive advantage. Given this economic strength, Ontario has managed to create jobs, despite today's global challenges and uncertain market conditions.

Ontario's students are key to the province's economic future. Their education, knowledge, and skills are essential in the expansion of a greater competitive workforce. To continue Ontario's economic trajectory, the government remains committed to building an education system that is innovative and responsive to labour market demands, producing graduates that are equipped for today's employment, and tomorrow's opportunities.

Allowing students the ability to personalize their pathway to education is key to their success in the workplace; they believe it is essential to equip themselves with a diverse range of job-ready skills in a way that best speaks to their own interests and aptitudes. This trend is most obvious in new and emerging fields such as Game Design. The work of one of our projects in this area shows that students want the ability to pick and choose from among the array of learning outcomes associated with a diploma and a degree, in order to enhance their workplace marketability.



Furthermore, employers are demanding that their new employees be able to think critically; understand the importance of innovation and creativity; appreciate the significance of design, while being able to communicate and execute ideas; and they want their employees to build objects and systems in increasingly inventive ways.

The Ontario Government clearly understands the needs of students and employers and has established a policy framework to support student access to this new educational experience; government is aiming to build an education and training network that not only produces future employees, but also employers of the future. This will enable our provincial economy to innovate and grow. Thus the creation of ONCAT is one of the government's ways to respond to student demand.

It is clear that Ontario's universities and colleges, too, share the desire to be responsive to the needs of students and employers, and hence they continue to partner with ONCAT in developing a more comprehensive credit transfer system.



Our Story

2011: A Vision

The provincial government along with Ontario's publicly assisted colleges and universities developed a vision to create a made-in-Ontario credit transfer system that would enable learners to easily navigate postsecondary education choices to achieve their goals with minimal duplication of learning.

Who We Are

In 2011, the government established the Ontario Council on Articulation and Transfer (ONCAT) to enhance academic pathways and reduce barriers for students looking to transfer among the province's 45 publicly assisted colleges and universities. As a member organization, ONCAT works with those institutions to develop transfer credit policies and practices to ease student mobility.

Strategic Priorities

Student will experience ease of mobility among publicly assisted postsecondary institutions

- Students will experience reduced barriers when transferring, which will help them to graduate.
- There will be increased and improved collaboration among institutions (colleges and universities) regarding transfer opportunities and articulation.
- Stakeholders will have improved awareness and knowledge of transfer opportunities, outcomes, and progress.

Our Partners

Algoma University

Algonquin College

Brock University

Cambrian College

Canadore College

Carleton University

Centennial College

Collège Boréal

Conestoga College

Confederation College

Durham College

Fanshawe College

Fleming College

George Brown College

Georgian College

Humber College

La Cité Collégiale

Lakehead University

Lambton College

Laurentian University

Loyalist College

McMaster University

Mohawk College

Niagara College

Nipissing University

Northern College

OCAD University

Queen's University

Royal Military College of Canada

Ryerson University

Sault College

Seneca College

Sheridan College

St. Clair College

St. Lawrence College

Trent University

University of Guelph

University of Ontario Institute of
Technology

University of Ottawa

University of Toronto

University of Waterloo

University of Windsor

Western University

Wilfrid Laurier University

York University





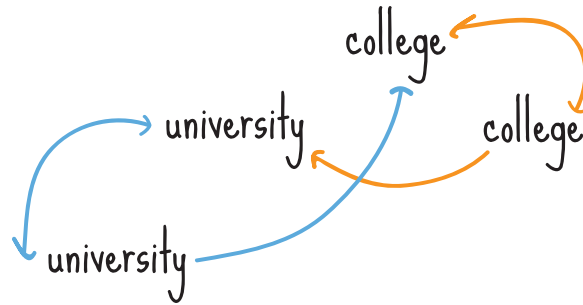
Putting Students First

What is a transfer student?

A transfer student is someone who has completed a course, some courses or an entire program at one institution and wants to continue their postsecondary education at another.

55,000 +
STUDENTS
TRANSFER EVERY
YEAR IN ONTARIO

Every Direction of Transfer Counts



Why Do Students Transfer?

- > Wish to switch programs
- > Institution isn't the right fit
- > Personal circumstances
- > Want additional postsecondary studies

Popular Areas for Transfer

- > Business
- > Social Sciences
- > Liberal Arts
- > Engineering
- > Health

What is ONTransfer.ca?



It's a free website managed by ONCAT where students interested in mobility can see what courses and programs will transfer.

The website has information from our membership consisting of all of Ontario's 45 public colleges and universities.

College? University? Or Both?

ONTransfer.ca caters to those students thinking about their postsecondary journey.

High school students can combine college and university studies to tailor their education by searching the **Program Transfer Guide**.

Students at a college or university thinking of changing schools can search the **Course Transfer Guide** to see what credits they can take with them.

Students who have finished a college or university program and want more can search both the **Program Transfer Guide** and the **Course Transfer Guide** to explore their opportunities.



The Program Transfer Guide hosts 1,400 Block Agreements which leads to **800,000 individual opportunities to transfer**.



The Course Transfer Guide has **more than 150,000** course equivalencies.



Over **80% of diploma graduates** have a pathway into a degree.



Almost **60% of diploma students** have a pathway into a similar diploma.

Almost **25% of degree students** have a pathway into a similar degree.



Enhancing Our Key Resources

Developing a new brand and identity

Who is ONCAT? What is ONTransfer.ca? How do the two co-exist? What is ONCAT's voice, identity, and promise? To better answer those questions, in October, ONCAT launched a branding strategy. With the assistance of Trajectory, an agency with experience in postsecondary branding development, ONCAT engaged in this process in order to better differentiate and explain who we are and what we do as an organization.

The project has included a number of key milestones, moving from research and engagement, to strategy, design, and

then activation. As a result, throughout the process, ONCAT and Trajectory have been connecting with many stakeholders, including students, administration at institutions, industry partners, and others, through a combination of interviews, surveys, and focus groups.

Redesigning the ONTransfer.ca Website

As part of the branding process, we have begun the preliminary work of looking at both a refresh of the front-end and back-end of the ONTransfer.ca website. The process will examine ways to provide better support to our members when they upload agreements and course equivalencies onto the site, as well as how to provide better service for students. In March, we hired a Technical Project Manager to help us facilitate this process, and discussions are underway with our other jurisdictional partners on examining the idea of a possible shared services model to help facilitate national transfer.

Partnering with eCampus Ontario

ONCAT has also been partnering with eCampus Ontario, another government funded non-profit responsible for providing access to students to all the online courses offered by Ontario's universities and colleges. In summer 2015, ONCAT worked with eCampus Ontario to redesign the back-end of the ONTransfer.ca database so that it will serve both ONTransfer.ca and eCampusOntario.ca. Moving forward, when students search for course transfers, they will also be able to determine what courses are offered online. ONCAT is also pursuing a shared services agreement with eCampus Ontario so that we can split operational costs like accommodations and accounting.





Innovative Models for Collaboration

ONTransfer.ca Days

During February and March 2016, ONCAT hosted the first of three ONTransfer.ca Days. These events connect ONCAT staff with the administrators from colleges and universities from across the province, to discuss issues in credit transfer.

The ONTransfer.ca Days allow the ONCAT team the opportunity to discuss the technical aspects of data sharing and provide administrators with the necessary tools to share information effectively. More importantly, given the technical role of the administrators as it relates to the ONTransfer.ca website and course uploads, this collaborative effort is crucial

for making the flow of information as consistent and compatible as possible.

This year, ONTransfer.ca Days took place in Sault Ste. Marie, Toronto, and Ottawa, and included the participation of over 40 institutions.



5th Annual Student Pathways in Higher Education Conference

ONCAT's collaborative approach is exemplified by the annual Student Pathways in Higher Education conference, which brings together more than 300 participants from all levels of Ontario's PSE community. The conference, this year celebrating its 5th anniversary, allows participants to share successes, challenges, best practices and research, but more importantly, to inform ONCAT's continued efforts in changing the credit transfer landscape. Participants from our member institutions tell us that they now not only rely on the conference for key information, but use the presentations as a whole to benchmark our communal success in creating a more integrated postsecondary system.

Ontario Taking Steps to Expand Student Mobility Across Canada

TORONTO, October 1, 2015 — Last week, members of Ontario's colleges and universities met with 100 postsecondary leaders from across Canada at an inter-provincial transfer forum to discuss expanding student mobility across jurisdictions and on a national basis.

Hosted in British Columbia by the Ontario Council on Articulation and Transfer (ONCAT), the BC Council on Admissions and Transfer (BCCAT), and the Alberta Council on Admissions and Transfer (ACAT), the councils responsible for facilitating credit transfer activities in those provinces, the forum allowed administrators the opportunity to share best practices, and discuss



challenges and solutions in order to foster more pan-Canadian coordination so that students can receive

fair and consistent recognition for their postsecondary education within Canada.

“As the organization responsible for student mobility among the 45 publicly funded institutions in Ontario, we were pleased to co-sponsor this forum given the significance of credit transfer for students,” said Glenn Craney, Executive Director of ONCAT. “We know that students today regard access to different types of education as vital to their success in the workplace. Students transfer because they believe it is essential that they equip themselves with a diverse range of skills in a way that best speaks to their own interests and aptitudes in order to successfully contribute to today’s knowledge-based economy.”

While credit recognition is becoming increasingly well-established in Ontario, as well as the other jurisdictions, students moving beyond provincial borders

to continue their postsecondary education have relatively limited access to information on credit transfer agreements between institutions on a national basis. This forum is a first step in an ongoing process in developing solutions for expanding student mobility on a national basis.

To view the report, please visit:
<http://www.bccat.ca/about/iptf>



Meeting the Needs of Northern Ontario Students

NORTHERN COLLABORATION



SAULT STE. MARIE, ON, February 19, 2016 – For the first time in its history, the Ontario Council on Articulation and Transfer (ONCAT) held a workshop specifically for small and northern institutions. The workshop was co-hosted by Algoma University and Sault College.

Representatives from ONCAT, Algoma U, Sault College, Northern College, Cambrian College, Canadore College, Confederation College, Collège Boréal, Laurentian University, and Lakehead University spent a day and a half discussing how to foster better collaborations

amongst institutions which will meet the needs of Northern Ontario students.

"We were exceptionally pleased to be co-hosting with Sault College the ONCAT mini-conference on both our campuses, bringing together representatives from all the universities and colleges across the north of Ontario," said Dr. Richard McCutcheon, Academic Dean of Algoma University. "This was an important opportunity for our faculty and administrators to work together and collaborate with other Northern Ontario post-secondary institutions. It was crucial for our institutions to meet together to identify possible collaborative efforts to ensure that Northern Ontario students are receiving and have means to receive a post-secondary education in their own community."

The ONCAT Workshop discussed how to further incorporate Aboriginal content into curriculum; how northern institutions must differentiate their approach to collaborations; and how to foster further collaborations amongst institutions which will benefit Northern Ontario students, ensuring they remain within the region.

"We are pleased to sponsor this inaugural workshop on pathway development for small and northern institutions," said Glenn Craney, Executive Director of ONCAT. "As a result of our college and university partners strengthening their collaborations in the north, students are able to remain within the community, and contribute to building a stronger, more diverse and sustainable northern economy."



Creating a Responsive Postsecondary System

ONCAT's commitment to improving Ontario's credit transfer system is possible with a strong focus on research and innovation. Through the Credit Transfer Innovation Fund (CTIF), ONCAT funds pathway development projects, research in best-practices, and learning outcomes. As a result, ONCAT is better able to facilitate student mobility in a way that makes sense not only for the students, but also for institutions.

Pathway Development

Since 2011, ONCAT has supported over 130 pathway development projects through the Credit Transfer Innovation Fund.

Together, these projects cover a broad range of high-demand programs such as business, environmental studies, computer science, and community and social services, in all areas of transfer including diploma-to-degree, diploma-to-diploma, apprenticeship-to-diploma, degree-to-diploma, and degree-to-degree. In this year's 2015/16 call for proposals, there were 22 agreements signed.

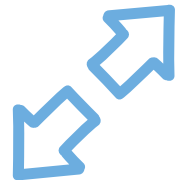
As these projects move from conception to implementation, we are gaining a better understanding of the challenges of the program development process across multiple institutions. In this past year, implementation, along with identifying ways we can support institutions with implementation challenges, has been a primary focus for ONCAT.

ONCAT is proud of its success in facilitating student mobility, and of the commitment by its members to collaborate and develop new and innovative pathways. This includes the development of bridge programming that will provide all Ontarians better access to opportunities through enhanced program choices and broader geographic availability.

Principles for Credit Transfer

Student success is important to ONCAT's mandate. Our goal is to develop a more efficient and seamless transfer experience for students, so that we can better address their needs. Key to this success is providing students with accurate and comprehensive information about the transfer process, before they decide to transfer.

ONCAT has been working with our members and student organizations to create a made-in-Ontario set of Principles for



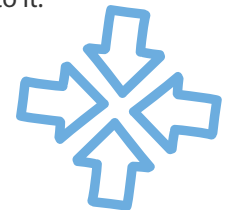
Credit Transfer Policies and Procedures. The development of these Principles is a key step in ensuring consistency and transparency in credit transfer assessment and communication processes across Ontario colleges and universities. As it stands, students often report that they find it difficult to navigate the credit transfer system, in particular because institutions use a wide range of different policies and procedures.

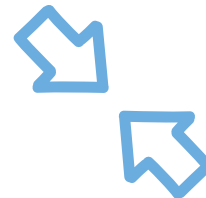
In summer 2015, the Principles were formalized, and institutions formally signed-on. We then created a document that showed how each institution aligned to the Principles, and have been posting the results on ONTransfer.ca.

Workshop on French Language Pathway Development

In February 2016, ONCAT held an inaugural workshop with members from nine bilingual and francophone institutions in Ontario on French language pathway program development.

The workshop allowed ONCAT the opportunity to collaborate with our francophone and bilingual members to identify opportunities for collaboration within the network of francophone and bilingual postsecondary institutions in order to improve academic pathways; discuss favourable conditions and barriers in a francophone minority context; specify the role of ONCAT in supporting the network of francophone and bilingual postsecondary institutions in the creation of academic pathways; and define a French-language policy for ONCAT, and the goals and principles pertaining to it.





Degree to Degree Transfer Opportunities

Increasing the number of degree to degree transfer opportunities for Ontario students is a key priority for the government. Working with institutions, we have been mapping out what transfer opportunities already exist, identifying program differences, and developing tools to assist other institutions' efforts to create a more seamless system of transfer.

In summer 2015, ONCAT released the Degree to Degree Phase I Final Report. This pilot phase of the project brought together subject experts from eight participating universities to examine the current state of transferability in four key high-volume disciplines. Not only did the groups' work confirm that many core courses already transfer, but more than 575 new course equivalencies were created and added to the Course Transfer Guide on ONTransfer.ca.

[To view the report, please visit the Reports section of the ONCAT website.](#)

Transfer Committees

In an effort to support the further evolution of Ontario's transfer system, ONCAT has recently begun exploratory meetings with its member institutions on creating some pilot Transfer Committees. Drawing on the success of similar committees in other jurisdictions, ONCAT hopes to help bring its members in specific disciplines together for regular discussions of their program curricula, transfer agreements, and issues relating to their subject area, hopefully leading to even greater understanding and collaboration among institutions and across sectors.

Learning Outcomes

ONCAT is working to build a community of practice to use Learning Outcomes to help facilitate student transfer. Our members believe that having a common learning outcomes framework specified from the credential level down to the course level will help bridge understanding across institutions and reduce the repetition of prior learning. To date, ONCAT has funded four Learning Outcomes pilot projects in the fields of game design, engineering, biology and business.

ONCAT recently released a position paper, *Learning Outcomes in Credit Transfer: A Key Tool for Innovation in Student Mobility*. Acting as both an overview of the multiple uses of learning outcomes in educational initiatives around the world as well as a snapshot of the unique configuration of Ontario's PSE system, this paper clearly lays out ONCAT's focus on and support of outcomes-based approaches for comparing courses and credentials in order to facilitate student mobility.

[To view the report, please visit the Reports section of the ONCAT website.](#)

In November, ONCAT held the first *Learning Outcomes and Transfer Pathways Colloquium*. This inaugural event brought together experts from our member institutions and other related organizations for a day to review the work of our project teams and critically discuss the role of learning outcomes — both advantages and limitations — that bear directly on their future, effective use for advancing transfer opportunities in the province.

In March 2016, ONCAT invited Dr. Bob Turner from the United States for a special workshop in Toronto for its partners.

Dr. Turner is State Coordinator for the *Interstate Passport Initiative*, a continuing multi-year project of the Western Interstate Commission on Higher Education (WICHE) that has established a student passport entirely based on learning outcomes.

Members of our community learned how students can complete their lower division general education requirements at one passport institution and receive full credit for them when transferring to any other passport institution using this new tool.

The workshop provided our partners with a chance to learn in detail about an exciting transfer initiative in another region, and an opportunity to brainstorm on how aspects of the WICHE project might be applicable in Ontario.

The ARUCC PCCAT Transcript and Transfer Guide

ONCAT, along with our jurisdictional partners and other stakeholders, was proud to sponsor the ARUCC PCCAT Transcript and Transfer Guide. The Guide is a national, online resource for Canadian registrarial and pathway practitioners and policy developers. It contains standards, definitions, and additional resources for close to 500 transcript and transfer credit terms in an online, searchable format. This resource is intended to encourage best practice and enhance student mobility and data portability.

To view the guide, please visit: <http://guide.pccat.arucc.ca/en/>



Board of Directors

Tim McTiernan

President and Vice-Chancellor of UOIT (Co-Chair)

Glenn Vollebregt

President and CEO of St. Lawrence College (Co-Chair)

Donna Church

Vice-President, Academic, Academic Affairs, Lambton College

Chris Fernlund

University Student Representative

Cindy Hazell

External Representative

Rhonda Lenton

Vice-President Academic & Provost, York University

Julia K. Mackenzie

College Student Representative

Terry Papineau

External Representative

Peter Ricketts

Vice-President (Academic) and Provost, Carleton University

Luke Speers

College/University Graduate Representative

Vacant

Vice-President, Academic (College)

Ex Officio Members of the Board

Glenn Craney

Executive Director, ONCAT

Karen Creditor

Chief Executive Officer, Ontario College Application Service

Peter Gooch

Senior Director, Policy and Analysis, Council of Ontario Universities

Catherine Newell Kelly

Executive Director, eCampus Ontario

Linda Rees

Executive Director, eCampus Ontario

Bill Summers

Vice-President Research, Colleges Ontario

David Wallace

Executive Director, Ontario Universities' Application Centre

Student Advisory Board

Justin Bedi

Ontario Undergraduate Student Alliance

Ciara Byrne

College Student Alliance

Chris Fernlund

ONCAT Board Member

Allie Golding

College Student Alliance

Julia K. Mackenzie

ONCAT Board Member

Zachary Rose

Ontario Undergraduate Student Alliance

Gab Ross

Canadian Federation of Students (Ontario)

Jeff Scherer

College Student Alliance

Luke Speers

ONCAT Board Member

Alastair Woods

Canadian Federation of Students (Ontario)

The ONCAT Team

Glenn Craney

Executive Director

Shauna Love

Operations Director

Lia Quickert

Strategic Communications and Public Affairs Director

Arlene Williams

Policy and Programs Director

Lena Balata

Project Officer

Rose Chan

ONTransfer.ca Manager

Melinda Cheng

Special Project Assistant – Data Projects

Nicole Fallon

Project Lead

Jounghwa No

Operations Coordinator

Amy Oziel

Office and Meeting Coordinator

Rebecca Roibas

Project Officer

Peter Ssekiziyivu

Senior Accountant

Committees

Accountability Framework Working Group

A working group focusing on piloting and refining institutional benchmarks for student mobility in Ontario.

Brand Advisory Committee

A working group of member representatives, as well as students, providing strategic advice on the redevelopment of the ONCAT brand.

Degree-to-Degree Transfer Steering Committee

A working group of a set of member universities focusing on the development of pathways among high-interest degree programs to ensure that, when transferring, students' courses and equivalent programs are recognized for credit.

Francophone Advisory Board

A working group of member representatives from francophone and bilingual institutions, to better understand and address the particular contexts and challenges of those institutions.

Learning Outcomes Steering Committee

A working group of member representatives who are developing a better understanding of the role of learning outcomes in the credit transfer process and how they can improve existing and future pathways.

Northern Collaboration Committee

A working group of member representatives from small and northern institutions, to better understand and address the particular contexts and challenges of institutions based in the north.

Student Advisory Board

Comprised of students, the board provides advice on the on-going operational activities of ONCAT, acts as a critical sounding board in the development of new ideas and initiatives to enhance and support student mobility in Ontario, and provides feedback on all credit transfer information products.





Ontario Council on Articulation and Transfer

180 Dundas St. West, Suite 1902

Toronto, Ontario M5G 1Z8

Tel: (416) 640-6951

Fax: (416) 640-6959

www.oncat.ca

