

Worcester Polytechnic Institute



WPI

**Plan and promote a WPI project center
in Montreal II**

Interactive Qualifying Project
Submitted to the Faculty of
Worcester Polytechnic Institute

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Abstract

Worcester Polytechnic Institute's global project program has displayed tremendous range especially overseas with project centers in 30 international countries. Looking at this list of WPI international project center destinations you may notice our close neighbor, Canada, doesn't currently have any WPI project centers. However there is a multicultural Canadian city, Montreal, that is only a day's drive away from Worcester with a "great reputation as a world class study destination"(Icy Canada, 2022) as well as being regarded by students for its arts, culture, friendliness and diversity. Since many of WPI's existing global project centers are partnered with international universities, Montreal and its finest colleges for WPI to potentially collaborate with were examined for their suitability to host a global project center. By helping WPI see this strong educational opportunity in Montreal it could be at the top of the list of destinations to receive the next global project center destination.

Objective 1:

Evaluate the suitability of Montreal to be a global project center destination.

- **In order to achieve this we wanted to illustrate a comparison between Montreal and Worcester**
- **Showing the similarities and differences between the 2 cities can give WPI a better understanding of what we are trying to achieve**

Landscape and Population

	<u>Montreal</u>	<u>Worcester</u>
Population	1,704,690 (Montréal Population 2016.)	206,000 (Worcester, Massachusetts Population 2022.)
Geography	166.6 mi ² (Montréal Population 2016.)	38.45 mi ² (Worcester, Massachusetts Population 2022.)
Location	Quebec, Canada	Worcester, Massachusetts
Demographic	Multicultural 63% white/european 34% visible minorities (Montréal Population 2016.)	Multicultural 69.16% white/european 30.84% visible minorities (Worcester, Massachusetts Population 2022.)

Language and Government



Montreal

Worcester

Language	French	English
Government	City Council and run by a mayor (Felteau, Cyrille. Montreal, 2022)	City Council and run by a mayor

Transportation and Weather



	<u>Montreal</u>	<u>Worcester</u>
Transportation	MetroSystem, Bike trails and bike lanes, cars (O'Meara, 2022)	Bike trails/lanes, cars, buses
Weather	Seasonal (Weatherspark)	Seasonal



Objective 2: Suggesting universities in Montreal that are viable to receive a WPI project center.

4 top-ranked universities to assess:

- McGill University
- University of Montreal
- Polytechnical of Montreal
- ETS (École de Technologie Supérieure)

McGill University



<u>University Name</u>	<u>Student Population</u>	<u>Location</u>	<u>Land Area</u>	<u>Demographic</u>	<u>Language</u>
McGill (private)	39,267 students 26,765 undergraduate 10,411 graduate (McGill University Memorandum)	Downtown Montreal (Engage Mcgill)	0.965 square miles (Engage Mcgill)	59% females 41% males 58.4%: whites 41.6%: minorities 30% international (McGill University Memorandum)	English speaking
World Rankings		Student Ratings		Engineering Rank	
#3 in Canada #44 in World (The World University Rankings)		4.5 /5.0 (University Guru) 4.3 /5.0 (StudyPortals)		#1 in Montreal #4 in Canada (EduRank)	

Polytechnical of Montreal



<u>World Rankings</u>	<u>Student Ratings</u>	<u>Engineering</u>
#26 in Canada #440 in the World (Scimago Institutions Rankings)	4.3 / 5.0 (University Guru)	#4 in Montreal #18 in Canada (EduRank)

Polytechnical of Montreal	9,000 students 6,800 undergraduates 2,200 graduates (Polytechnic School of Montreal, Montreal Quebec.)	Downtown Montreal (Polytechnic School of Montreal, Montreal Quebec.)	0.234375 square miles (Polytechnic School of Montreal, Montreal Quebec.)	72% males 28% females 29% international No race statistics (Polytechnic School of Montreal, Montreal Quebec.)	French speaking
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ETS (École de Technologie Supérieure)



University	World Rankings	Student Ratings	Engineering
ETS	#30 in Canada #1228 in the World (U.S. News and World Report)	4.5 / 5.0 (University Guru)	Engineering:#5 in Montreal and #29 in Quebec (EduRank)

12,819 students 8,653 undergraduates 4,166 graduates/PhD (ÉTS in Figures: ÉTS: ÉTS Montréal.)	Montreal Griffintown neighborhood (ÉTS in Figures: ÉTS: ÉTS Montréal.)	Building size (ÉTS in Figures: ÉTS: ÉTS Montréal.)	No race, international or gender statistics (ÉTS in Figures: ÉTS: ÉTS Montréal.)	French speaking
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University of Montreal



University of Montreal	69,926 students 73% undergrad 27% graduate (Université de Montréal. In Figures)	Downtown Montreal (Université de Montréal. In Figures)	0.234375 square miles (Université de Montréal. In Figures)	12% international No race or gender statistics (Université de Montréal. In Figures)	French speaking
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#5 in Canada and #88 in the World (The World University Rankings)	4.3 / 5.0 (University Guru)	Engineering: #3 in Montreal and #13 in Canada (EduRank)
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What's our suggestion?

<u>Ranking</u>	<u>University Name</u>
1	McGill University
2	Polytechnical of Montreal
3	University of Montreal
4	ETS (École de Technologie Supérieure)