

2024 Great Northern Concrete Toboggan Race Scoring Summary

Overall Category	Toboggan Design										Project Management				Technical Communications					Race Day Performance					Team Safety			Team Spirit			Other	GRAND TOTAL	RANK																	
	Concrete Design				Mechanical Design				Innovation		Sustainability		Other Design Components		Schedule & Budget		Technical Report			Technical Presentations		Technical Display		Race Day			Safety		Spirit																					
Sub-Category	Concrete Mix	Concrete Reinforcement	Geometric Profile & Formwork	Subtotal	Superstructure	Braking System	Steering System	Subtotal	Concrete Innovation	Mechanical Innovation	Subtotal	Concrete Judge Sustainability Score	Mechanical Judge Sustainability Score	Subtotal	Aesthetics	Weight Accuracy	Subtotal	Total	Schedule Adherence	Budget Performance	Project Management Performance (0-100%)	Total	Concrete Judge Score	Mechanical Judge Score	Subtotal	Concrete Judge Score	Mechanical Judge Score	Subtotal	Technical Evaluation Judge Score	Sprint Judge Score	Subtotal	Total	Factor Run	Steady Performance	Peak Performance	King of the Hill Performance	Race Day Performance (0-100%)	Total	Safety Report	Safety Documentation	Safety Design	Safety Inspection	Total	Planned Spirit Activities	Unplanned Spirit	Total	Summary of Deductions			
Maximum Score	3.00	3.00	2.00	8.00	5.00	5.00	5.00	15.00	1.00	3.00	4.00	1.00	1.00	2.00	2.00	1.00	32.00	1.00	1.00	0.00	2.00	3.00	3.00	6.00	2.00	2.00	4.00	3.50	3.50	7.00	17.00	7.00	7.00	7.00	9.00	0.00	30.00	2.00	2.00	3.00	2.00	9.00	5.00	5.00	10.00	0.00	100.00	(1-16)		
University of British Columbia Okanagan	2.33	2.57	1.44	6.34	3.99	3.98	3.67	11.65	0.90	1.36	2.16	0.56	0.16	0.72	0.08	0.90	0.90	21.85	0.78	0.75	-	1.53	2.46	2.45	4.92	1.72	1.86	3.57	2.10	3.15	5.25	13.74	5.95	-	6.71	7.13	-	13.78	1.77	0.80	2.58	1.94	7.09	3.72	4.50	8.22	1.00	72.20	1	
Western University	2.68	2.75	-0.12	5.32	4.28	4.17	4.36	12.81	0.88	1.83	2.72	0.80	0.60	1.40	0.52	0.99	1.51	23.75	0.94	0.75	-	1.69	2.62	2.51	5.12	1.80	1.81	3.61	2.56	2.71	5.27	14.00	6.19	-	6.68	5.25	-	12.12	1.72	2.00	2.61	1.85	8.18	3.15	1.88	5.03	2.00	64.77	2	
McMaster University	2.03	2.06	-1.11	2.98	3.96	3.98	3.13	11.07	0.60	2.06	2.66	0.46	0.53	0.99	0.78	0.99	1.77	19.47	0.62	1.00	-0.50	1.12	2.09	2.66	4.74	1.54	1.66	3.20	2.58	2.80	5.38	13.33	5.23	-	5.50	3.38	-	14.11	1.54	0.80	2.43	1.80	6.57	3.84	4.63	8.46	2.50	63.06	3	
University of Toronto	1.73	1.54	1.19	4.46	4.22	3.33	3.85	11.40	0.66	2.24	2.90	0.44	0.47	0.90	0.14	1.00	1.14	20.80	0.68	0.50	-	1.18	0.91	2.55	3.46	1.68	1.69	3.37	2.71	2.36	5.08	11.91	7.00	-	1.61	9.00	-	17.61	-3.50	0.70	2.33	0.41	-0.06	3.47	3.83	7.30	7.05	58.73	4	
Toronto Metropolitan University	1.90	1.59	1.04	4.53	3.40	1.68	3.19	8.26	0.76	1.31	2.07	0.45	0.40	0.84	0.08	0.95	1.03	16.74	0.89	0.75	-	1.64	1.09	1.64	2.73	1.52	1.43	2.95	2.10	2.71	4.81	10.49	5.25	-	7.00	5.25	-	17.50	1.62	-3.50	2.42	1.57	2.11	3.16	4.00	7.16	5.20	55.63	5	
University of Calgary	2.55	2.67	1.57	6.79	3.86	3.47	3.40	10.73	0.91	1.50	2.41	0.61	0.30	0.91	0.26	0.98	1.24	22.07	0.89	0.75	-0.50	1.14	2.64	2.24	4.89	1.85	1.63	3.48	3.15	3.41	6.56	14.99	-	-	-	-	-	1.71	1.50	2.47	1.38	3.85	4.25	8.10	0.50	53.29	6			
University of Alberta	2.31	2.41	1.30	6.02	3.51	3.75	3.82	11.08	0.66	1.73	2.39	0.54	0.16	0.70	0.04	0.98	1.02	21.30	0.84	1.00	-	1.84	2.36	2.34	4.70	1.61	1.95	3.56	1.77	1.84	3.61	11.67	-	-	-	-	-	-	1.59	1.50	2.14	0.98	6.21	2.72	2.75	5.52	0.00	46.63	7	
University of Manitoba	2.01	1.56	1.13	4.70	3.74	2.78	3.15	9.67	0.60	1.01	1.61	0.49	0.52	1.01	0.90	0.96	1.86	18.86	0.88	0.50	-	1.38	2.00	2.09	4.08	1.60	1.03	2.63	3.41	2.98	6.39	13.11	-	-	-	-	-	-	1.66	-1.70	2.43	1.66	4.04	3.56	4.00	7.56	2.30	44.96	8	
University of Waterloo	1.86	2.30	1.39	5.55	3.89	3.42	3.42	10.72	0.69	0.98	1.67	0.82	0.92	1.74	-	1.00	1.00	20.68	0.90	0.50	-	1.40	2.31	2.45	4.76	1.48	1.47	2.94	2.12	2.45	4.57	12.28	-	-	-	-	-	-	1.37	0.60	1.82	1.60	5.39	2.42	2.38	4.80	1.00	44.54	9	
Memorial University of Newfoundland	1.53	1.99	-1.01	2.51	3.49	3.42	3.66	10.58	0.53	1.29	1.82	0.25	0.28	0.53	0.24	0.91	1.15	16.59	0.65	0.75	-	1.40	0.15	2.41	2.56	1.54	1.36	2.90	1.93	1.58	3.50	8.96	2.34	-	1.23	1.50	-	5.08	1.39	-0.15	2.13	1.80	5.16	2.37	3.13	5.49	5.00	42.68	10	
Northern Alberta Institute of Technology	-0.62	0.75	0.87	1.00	2.22	2.53	2.26	7.01	0.32	1.18	1.50	0.19	0.18	0.37	1.30	0.93	2.23	12.10	0.76	1.00	-	1.76	0.67	1.45	2.11	1.28	1.27	2.55	2.52	2.63	5.14	9.80	4.79	-	6.68	1.50	-	12.97	-3.17	-0.05	1.45	1.88	0.11	2.79	3.13	5.91	7.40	42.66	11	
University of Ottawa	1.77	1.54	-0.90	2.41	3.08	3.08	3.01	9.18	0.75	1.36	2.11	0.50	0.16	0.66	-	0.85	0.85	15.21	0.32	0.50	-0.50	0.92	2.01	2.07	4.08	1.51	1.46	3.17	1.71	2.28	3.98	11.23	0.50	-	-	3.38	-	-	3.88	1.34	-1.90	2.24	1.63	3.31	2.90	3.13	6.02	5.10	39.96	12
University of Guelph	1.60	0.78	0.85	3.23	2.28	2.38	2.49	7.15	0.88	0.63	0.91	0.35	0.49	0.84	0.10	1.00	1.10	13.22	0.60	0.75	-	1.35	1.77	1.43	3.20	1.31	1.19	2.49	2.69	2.01	4.70	10.40	-	-	-	-	-	-	0.93	0.30	1.28	1.49	4.00	3.12	3.50	6.62	1.00	35.59	13	
Concordia University	1.51	1.50	0.82	3.83	-2.81	-2.76	2.57	-3.00	0.43	-3.08	-2.65	0.08	0.42	0.50	-	0.85	0.85	-0.46	0.48	0.50	-	0.98	0.63	1.33	1.96	1.34	0.96	2.30	2.34	2.10	4.44	8.70	6.15	-	0.50	1.50	-	8.15	-4.03	-0.15	1.71	0.63	-1.84	3.42	4.38	7.79	21.00	33.33	14	
University of Regina	0.57	0.38	0.37	1.32	1.48	1.19	1.17	3.85	0.11	0.23	0.34	0.06	0.15	0.21	-	0.89	0.89	6.61	0.03	0.00	-0.50	-0.47	-0.34	0.91	0.56	1.10	1.23	2.33	1.49	1.23	2.71	5.61	-	-	-	-	-	-	-	-6.46	-2.40	1.13	1.40	-6.33	1.30	1.25	2.55	11.70	7.97	15
University of British Columbia Vancouver	2.48	2.08	1.40	5.96	-40.24	3.31	3.38	-33.56	0.81	1.23	2.04	0.68	0.26	0.94	-	0.81	0.81	-23.82	0.38	0.50	-	0.88	1.36	2.07	3.43	1.71	1.50	3.21	2.32	2.98	5.29	11.94	1.71	-	0.60	1.50	-	3.81	1.42	-1.80	2.22	0.82	2.66	2.94	2.88	5.82	47.00	1.29	16	

\*NOTE - Summary of Deductions Column is only shown to summarize a team's total deductions. Individual deductions were applied throughout each scoring category as applicable. If you manually calculate your own score and apply this column, you will double up on your deductions in the grand total.