



Student Steel Bridge Competition - Category Ranking

Competition:	Upstate New York - Canada
Location:	West Point, New York
Date:	Friday, April 11, 2025
Die Roll Result:	10

Not Ranked

Full Name	Loading Status	Ineligibility	Reason
United States Military Academy	Pass	9.3	Excessive dimensional violation
Clarkson University	Stopped	9.3	Excessive dimensional violation
SUNY Polytechnic Institute	Pass	10.8.2	Construction Time Limit Exceeded. 45 minutes
Syracuse University	Pass	None	
Cornell University	Pass	None	
Rensselaer Polytechnic Institute	Pass	None	
University at Buffalo	Pass	None	
SUNY College of Technology at Canton	Pass	None	
Rochester Institute of Technology	Pass	None	

Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
University at Buffalo	Pass	7.52	1
Rochester Institute of Technology	Pass	15.13	2
SUNY College of Technology at Canton	Pass	18.28	3
Syracuse University	Pass	20.42	4
Rensselaer Polytechnic Institute	Pass	21.37	5
Cornell University	Pass	21.37	6
United States Military Academy	Pass	29.57	NR
SUNY Polytechnic Institute	Pass	9999.00	NR
Clarkson University	Stopped	187.00	NR

Lightness

Full Name	Loading Status	Weight (lbs)	Rank
Cornell University	Pass	215.9	1
University at Buffalo	Pass	222.9	2
SUNY College of Technology at Canton	Pass	243.7	3
Rochester Institute of Technology	Pass	245.6	4
Rensselaer Polytechnic Institute	Pass	295.3	5
Syracuse University	Pass	620.0	6
United States Military Academy	Pass	210.0	NR
SUNY Polytechnic Institute	Pass	120.0	NR
Clarkson University	Stopped	286.3	NR

Aesthetics

Full Name	Loading Status	Score	Rank
University at Buffalo	Omitted	Omitted	1
SUNY College of Technology at Canton	Omitted	Omitted	2
Rensselaer Polytechnic Institute	Omitted	Omitted	3
Rochester Institute of Technology	Omitted	Omitted	4
Cornell University	Omitted	Omitted	5
United States Military Academy	Omitted	Omitted	6
Syracuse University	Omitted	Omitted	7
SUNY Polytechnic Institute	Omitted	Omitted	8
Clarkson University	Omitted	Omitted	9

Stiffness

Full Name	Loading Status	Agg D (in)	Rank
University at Buffalo	Pass	0.66	1
Cornell University	Pass	0.97	2
Rochester Institute of Technology	Pass	0.98	3
SUNY College of Technology at Canton	Pass	1.09	4
Rensselaer Polytechnic Institute	Pass	1.97	5
Syracuse University	Pass	2.11	6
United States Military Academy	Pass	0.38	NR
SUNY Polytechnic Institute	Pass	0.00	NR
Clarkson University	Stopped	10.00	NR

Cost Estimate

Full Name	Loading Status	Estimate	Rank
Syracuse University	Pass	\$ 98,985.90	1
Rochester Institute of Technology	Pass	\$ 112,631.32	2
University at Buffalo	Pass	\$ 326,843.27	3
SUNY College of Technology at Canton	Pass	\$ 809,020.75	4
Cornell University	Pass	\$ 2,116,259.54	5
Rensselaer Polytechnic Institute	Pass	\$ 7,173,197.00	6
United States Military Academy	Pass	\$ 106,402.61	NR
SUNY Polytechnic Institute	Pass	\$ 10,177,176,000.00	NR
Clarkson University	Stopped	\$ 247,069,539.14	NR

Economy

Full Name	Loading Status	Cc	Rank
University at Buffalo	Pass	\$ 5,623,000.00	1
Rochester Institute of Technology	Pass	\$ 10,364,000.00	2
SUNY College of Technology at Canton	Pass	\$ 12,461,000.00	3
Rensselaer Polytechnic Institute	Pass	\$ 12,826,000.00	4
Cornell University	Pass	\$ 18,872,500.00	5
Syracuse University	Pass	\$ 21,340,000.00	6
United States Military Academy	Pass	\$ 19,582,000.00	NR
SUNY Polytechnic Institute	Pass	\$ 10,198,980,000.00	NR
Clarkson University	Stopped	\$ 239,700,000.00	NR

Efficiency

Full Name	Loading Status	Cs	Rank
University at Buffalo	Pass	\$ 4,015,588.73	1
Cornell University	Pass	\$ 5,179,261.54	2
Rochester Institute of Technology	Pass	\$ 5,614,324.68	3
SUNY College of Technology at Canton	Pass	\$ 6,031,508.75	4
Rensselaer Polytechnic Institute	Pass	\$ 9,275,927.00	5
Syracuse University	Pass	\$ 11,468,450.90	6
United States Military Academy	Pass	\$ 2,725,420.61	NR
SUNY Polytechnic Institute	Pass	\$ 360,000.00	NR
Clarkson University	Stopped	\$ 61,600,210.14	NR

Overall

Full Name	Loading Status	Cc + Cs	Rank
University at Buffalo	Pass	\$ 9,638,588.73	1
Rochester Institute of Technology	Pass	\$ 15,978,324.68	2
SUNY College of Technology at Canton	Pass	\$ 18,492,508.75	3
Rensselaer Polytechnic Institute	Pass	\$ 22,101,927.00	4
Cornell University	Pass	\$ 24,051,761.54	5
Syracuse University	Pass	\$ 32,808,450.90	6
United States Military Academy	Pass	\$ 22,307,420.61	NR
SUNY Polytechnic Institute	Pass	\$ 10,199,340,000.00	NR
Clarkson University	Stopped	\$ 301,300,210.14	NR