

2019 AISC Student Steel Bridge Competition Category Ranking Sheet

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Competition: AISC 2019 Rocky Mountain Regional Conference
Location: University of Colorado, Boulder
Date: 4/5/2019

S = 3

Not Ranked			Construction Speed			Lightness			Aesthetics		
School		NR	School	Time	Rank	School	Weight	Rank	School	Score	Rank
US Air Force Academy	11.1:		Brigham Young University	7.97	1	Brigham Young University	199	1	Utah State University	1	1
Colorado State University	11.5:		Colorado School of Mines	8.63	2	University of Colorado Denver	279	2	Brigham Young University	2	2
New Mexico Institute of Mining and Technology	11.5:		Utah State University	19.07	3	Utah State University	280	3	Colorado School of Mines	3	3
South Dakota School of Mines and Technology	11.5:		University of Colorado Denver	23.68	4	Colorado School of Mines	338	4	University of Colorado Denver	4	4
University of Colorado Boulder	11.5:		Colorado State University	---	---	Colorado State University	---	---	Colorado State University	---	---
Metropolitan State University	9.3:		Metropolitan State University	---	---	Metropolitan State University	---	---	Metropolitan State University	---	---
Brigham Young University	None		New Mexico Institute of Mining and Technology	---	---	New Mexico Institute of Mining and Technology	---	---	New Mexico Institute of Mining and Technology	---	---
Colorado School of Mines	None		South Dakota School of Mines and Technology	---	---	South Dakota School of Mines and Technology	---	---	South Dakota School of Mines and Technology	---	---
University of Colorado Denver	None		University of Colorado Boulder	---	---	University of Colorado Boulder	---	---	University of Colorado Boulder	---	---
Utah State University	None		US Air Force Academy	---	---	US Air Force Academy	---	---	US Air Force Academy	---	---

Stiffness			Economy			Efficiency			Overall		
School	Agg Δ	Rank	School	C _s	Rank	School	C _s	Rank	School	C _s + C _s	Rank
Utah State University	1.130	1	Brigham Young University	\$2,390,000	1	Brigham Young University	\$5,496,500	1	Brigham Young University	\$7,886,500	1
Brigham Young University	1.570	2	Utah State University	\$5,720,000	2	Utah State University	\$6,080,000	2	Utah State University	\$11,800,000	2
University of Colorado Denver	3.060	3	Colorado School of Mines	\$7,108,000	3	University of Colorado Denver	\$12,315,000	3	University of Colorado Denver	\$20,841,000	3
Colorado School of Mines	4.810	4	University of Colorado Denver	\$8,526,000	4	Colorado School of Mines	\$29,477,500	4	Colorado School of Mines	\$36,585,500	4
Colorado State University	---	---	Colorado State University	---	---	Colorado State University	---	---	Colorado State University	---	---
Metropolitan State University	---	---	Metropolitan State University	---	---	Metropolitan State University	---	---	Metropolitan State University	---	---
New Mexico Institute of Mining and Technology	---	---	New Mexico Institute of Mining and Technology	---	---	New Mexico Institute of Mining and Technology	---	---	New Mexico Institute of Mining and Technology	---	---
South Dakota School of Mines and Technology	---	---	South Dakota School of Mines and Technology	---	---	South Dakota School of Mines and Technology	---	---	South Dakota School of Mines and Technology	---	---
University of Colorado Boulder	---	---	University of Colorado Boulder	---	---	University of Colorado Boulder	---	---	University of Colorado Boulder	---	---
US Air Force Academy	---	---	US Air Force Academy	---	---	US Air Force Academy	---	---	US Air Force Academy	---	---