



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Rocky Mountain</b>
<b>Location:</b>	<b>Fort Collins, Colorado</b>
<b>Date:</b>	<b>Friday, April 11, 2025</b>
<b>Die Roll Result:</b>	<b>3</b>

### Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Colorado Mesa University	Pass	3	Bridge is unsuitable for intended purpose
Colorado State University	Stopped	9.3	Excessive dimensional violation
University of Wyoming	Pass	None	
United States Air Force Academy	Stopped	None	
University of Colorado, Denver	Pass	None	
Colorado School of Mines	Pass	None	
South Dakota School of Mines and Technology	Pass	None	

### Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
South Dakota School of Mines and Technology	Pass	11.18	1
Colorado School of Mines	Pass	18.30	2
University of Wyoming	Pass	36.50	3
University of Colorado, Denver	Pass	194.50	4
United States Air Force Academy	Stopped	182.00	5
Colorado State University	Stopped	24.93	NR
Colorado Mesa University	Pass	193.75	NR

### Lightness

Full Name	Loading Status	Weight (lbs)	Rank
South Dakota School of Mines and Technology	Pass	240.2	1
Colorado School of Mines	Pass	472.8	2
University of Colorado, Denver	Pass	574.2	3
University of Wyoming	Pass	987.6	4
United States Air Force Academy	Stopped	668.4	5
Colorado State University	Stopped	315.4	NR
Colorado Mesa University	Pass	579.2	NR

### Aesthetics

Full Name	Loading Status	Score	Rank
South Dakota School of Mines and Technology	Omitted	Omitted	1
United States Air Force Academy	Omitted	Omitted	2
University of Wyoming	Omitted	Omitted	3
Colorado State University	Omitted	Omitted	4
Colorado Mesa University	Omitted	Omitted	5
University of Colorado, Denver	Omitted	Omitted	6
Colorado School of Mines	Omitted	Omitted	7

### Stiffness

Full Name	Loading Status	Agg D (in)	Rank
South Dakota School of Mines and Technology	Pass	0.77	1
Colorado School of Mines	Pass	2.26	2
University of Wyoming	Pass	2.67	3
University of Colorado, Denver	Pass	3.77	4
United States Air Force Academy	Stopped	10.00	5
Colorado State University	Stopped	10.00	NR
Colorado Mesa University	Pass	0.00	NR

## Cost Estimate

Full Name	Loading Status	Estimate	Rank
South Dakota School of Mines and Technology	Pass	\$ 1,720,128.25	1
Colorado School of Mines	Pass	\$ 6,786,130.96	2
University of Wyoming	Pass	\$ 16,154,281.22	3
University of Colorado, Denver	Pass	\$ 84,774,561.95	4
United States Air Force Academy	Stopped	\$ 230,969,955.26	5
Colorado State University	Stopped	\$ 39,900,495.35	NR
Colorado Mesa University	Pass	\$ 129,762,276.91	NR

## Economy

Full Name	Loading Status	Cc	Rank
South Dakota School of Mines and Technology	Pass	\$ 7,643,000.00	1
Colorado School of Mines	Pass	\$ 17,715,000.00	2
University of Wyoming	Pass	\$ 36,195,000.00	3
University of Colorado, Denver	Pass	\$ 241,950,000.00	4
United States Air Force Academy	Stopped	\$ 238,200,000.00	5
Colorado State University	Stopped	\$ 17,332,000.00	NR
Colorado Mesa University	Pass	\$ 166,125,000.00	NR

## Efficiency

Full Name	Loading Status	Cs	Rank
South Dakota School of Mines and Technology	Pass	\$ 4,690,488.25	1
Colorado School of Mines	Pass	\$ 15,726,524.96	2
University of Wyoming	Pass	\$ 17,800,611.22	3
University of Colorado, Denver	Pass	\$ 27,963,061.95	4
United States Air Force Academy	Stopped	\$ 62,762,353.26	5
Colorado State University	Stopped	\$ 61,931,723.35	NR
Colorado Mesa University	Pass	\$ 2,587,751.91	NR

## Overall

Full Name	Loading Status	Cc + Cs	Rank
South Dakota School of Mines and Technology	Pass	\$ 12,333,488.25	1
Colorado School of Mines	Pass	\$ 33,441,524.96	2
University of Wyoming	Pass	\$ 53,995,611.22	3
University of Colorado, Denver	Pass	\$ 269,913,061.95	4
United States Air Force Academy	Stopped	\$ 300,962,353.26	5
Colorado State University	Stopped	\$ 79,263,723.35	NR
Colorado Mesa University	Pass	\$ 168,712,751.91	NR