



# UNIVERSITY PROGRAMS

## Days of Steel Videos

### Video Index

(March 4, 2024)

Prepared by: Anthony Battistini (Associate Professor)  
Angelo State University

Funded by: AISC Teaching Aid Development Program

---

This video series stars a cast of undergraduate students navigating new topics in their steel design course. They seek to further understand what they are learning in the classroom by teaching each other and applying the concepts to simple, real-world examples around them.

Each episode includes a short, light-hearted video and accompanying handout. Some episodes also include a homework assignment. Homework solutions are available [here on the AISC Educator Forum](https://educatorforum.aisc.org) ([educatorforum.aisc.org](https://educatorforum.aisc.org)).

Instructors may choose to use the videos as part of an assignment, as remote learning resources, or within a lecture. All videos include closed-captioning.

See the next page for the full index of videos.

Please direct any questions to:  
AISC University Programs  
[universityprograms@aisc.org](mailto:universityprograms@aisc.org)

# AISC Teaching Aid: DAYS OF STEEL

## Video Index

Episode				What's Included		
#	Name	Description	Duration	Handout	Homework	Solution*
1	<a href="#">Syllabus Walkthrough</a>	Introduction to the video series	2:26	X		
2	<a href="#">Beloved Steelio</a>	Uniaxial tension test and steel stress-strain curve	7:48	X		
3	<a href="#">Direct Analysis Method</a>	Overview of the Direct Analysis Method	5:42	X		
4	<a href="#">Trash Bag Demo [Part 1]</a>	Yielding and tensile rupture	10:41	X		
5	<a href="#">Trash Bag Demo [Part 2]</a>	Yielding and tensile rupture for connection with staggered bolts	7:09	X	X	X
6	<a href="#">Reunion with Trusses [Part 1]</a>	Block shear	5:48	X	X	X
7	<a href="#">Reunion with Trusses [Part 2]</a>	Bolt limit states, bearing, tearout, bolt shear	3:34	X	(See Part 1)	(See Part 1)
8	<a href="#">Weight Room Dilemma [Part 1]</a>	Design beam and column	4:28	X		
9	<a href="#">Weight Room Dilemma [Part 2]</a>	Overview of welds	7:32	X		
10	<a href="#">AISC Manual Challenge</a>	Using the AISC <i>Steel Construction Manual</i>	6:41	X	X	X

\* Homework solutions are available on the AISC Educator Forum ([educatorforum.aisc.org](http://educatorforum.aisc.org))

Last updated: March 1, 2024



**UNIVERSITY  
PROGRAMS**

[aisc.org/teachingaids](http://aisc.org/teachingaids)