

Survey Results

Background on the motivation for and development of the *Steel Educators' Tip Sheet*, the *Tools and Tips* website, and the AISC WET Forum was presented. Ideas for improvement were also presented.

A survey was conducted as a means of evaluating the current use and effectiveness of these Web-Enhanced Teaching (WET) tools (including the newsletter, website, forum, and AISC WET CD) and obtaining feedback on potential improvements. The survey results verified that improvement is needed. In general, the ideas presented received a favorable response; these ideas will be investigated further for possible implementation.

There were 57 responses to the survey. Results show that roughly half have used materials from the AISC WET CD, and roughly half have not (53% yes, 47% no). The same is true for the *Tools and Tips* website (49% yes, 51% no). The "Here's an Idea" tips on the website see less usage (18% yes, 75% no). The AISC WET Files page appears to get reasonable usage; 42% have visited that webpage, and 30% have used files downloadable from that page. The AISC WET Photos page is less popular, with 33% visitors, and 23% who have used a photo from the webpage. 18% have used the laboratory exercises available on the AISC WET CD. 60% indicated that future use of the lab exercises depends on whether or not the exercises are updated to the 2005 Specification. Meanwhile, 29% agreed or strongly agreed that the *Tools and Tips* website is easy to navigate. 30% were undecided, and 9% disagreed.

30% responded that they typically read the *Steel Educators' Tip Sheet*. 28% agreed (9% strongly agreed, 35% were undecided) that they typically find something new (information or teaching aid) in each *Tip Sheet*. 40% agreed or strongly agreed that they typically find something in the *Tip Sheet* that they consider using in their courses. Generally, those surveyed responded that the content of the *Tip Sheet* is useful and the general format is good (some were undecided, 25% and 23%, respectively, and 2% and 4% disagreed on these two points).

With regards to content that could be added to the websites, 47% agreed or strongly agreed that sample course syllabi would be helpful, and 73% agreed or strongly agreed that quiz / exam questions would be helpful.

Ideas for improving use of the websites and submittal of teaching aids included a reward system and a peer review system. 39% agreed or strongly agreed that they would be more inclined to submit teaching aids if there were some sort of reward system (37% were undecided, 11% disagreed, 11% strongly disagreed). Responses were similar for the idea of a peer review system (refereed teaching aids), with 40% who agreed or strongly agreed that they would be more inclined to submit teaching aids if such a system were in place.

A rating system (e.g., out of 5 stars, with option for including comments) may improve use of the website and teaching aids. 49% agreed or strongly agreed that a rating system would help them decide which teaching aids to use. 54% indicated that they would submit reviews or tips if such a feedback system were incorporated. Finally, 75% responded that they would be more inclined to use the AISC WET CD materials if they could download them from a website.

Additional comments provided by respondents are shown below. Bar charts summarizing results for each survey question follow. The survey itself is included at the end of this document.

Additional Comments:

Was not aware this was all on the web.

My answers are a bit skewed because I will not teach steel design until F06.

The vids on the CD are terrific, and I intend to use them in class.

Typically read the Tip Sheet? Occasionally? Yes. Typically? No.

On the web site home page (or main pages) have a different "featured resource" each month to make people aware of all resources.

If I ever did get these (e-mail) I don't remember getting it. I do have CD.

You may consider providing powerpoints for steel design course. Especially powerpoints with original photos and figures in the steel design books (e.g. Segui's book) will be more interesting.

Also more detailed plan for steel design project (having an example for a full project).

Would be more inclined to submit teaching aids if there were some sort of credit system

*"Minimally" written in beside "have used materials from AISC WET CD"
written in by another respondent – "limited! A few animations"*

Suggestions for direct assessment for ABET

*Teaching aids should track basic concepts taught in a steel design course
basics of ASD/LRFD design philosophies, tension members, compression members, beams,
beam-columns, connections*

Some of us teach CM students "about" steel.

The level of detail is significantly different than teaching structural engineers.

Perhaps we could focus on this "level" of aid.

Suggest:

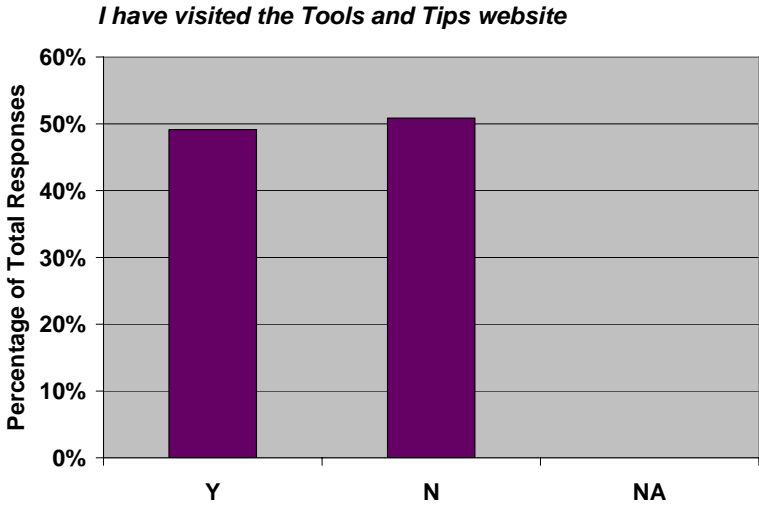
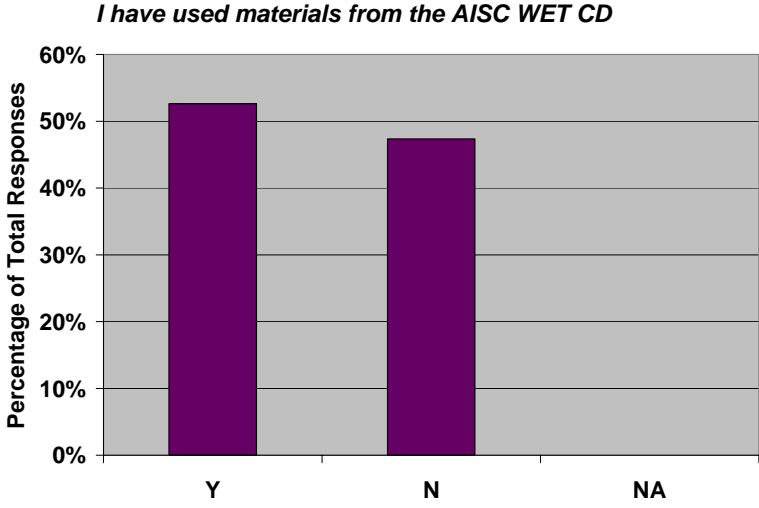
- A forum for CM educators

- Development of the minimum "body of knowledge" for CMs (not Civil/ construction engineers)

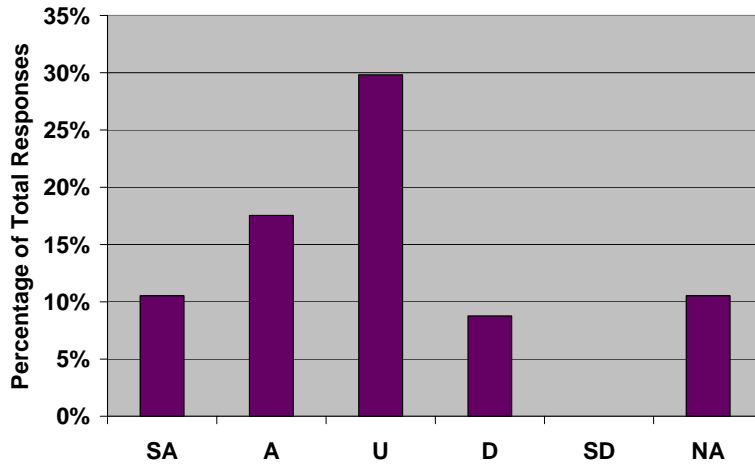
- A rating or grouping of the WET products for use by this unique group

I would be willing to serve on any committee (even chair) that would work on the above issues

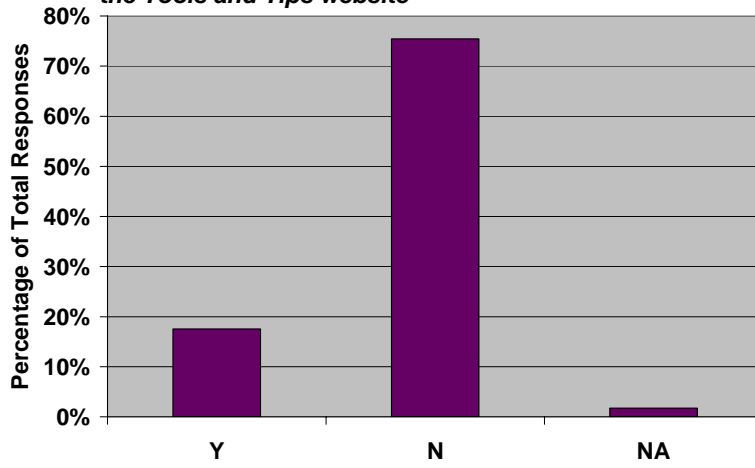
Y – Yes N – No NA – Not Applicable
SA – Strongly Agree A – Agree U – Undecided D – Disagree SD – Strongly Disagree



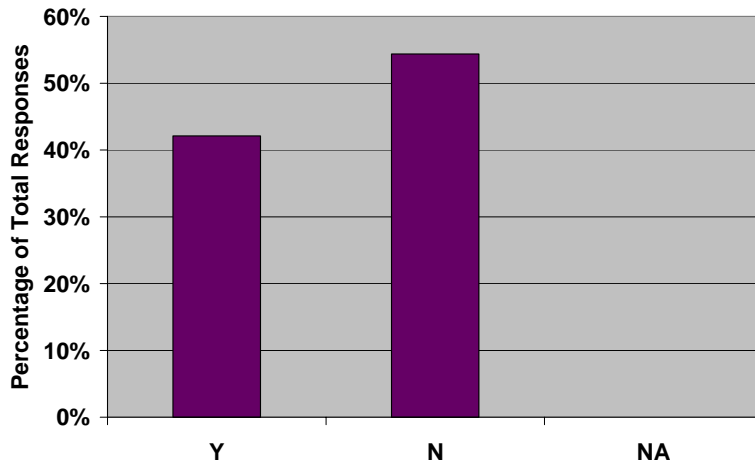
I find the Tools and Tips site easy to navigate



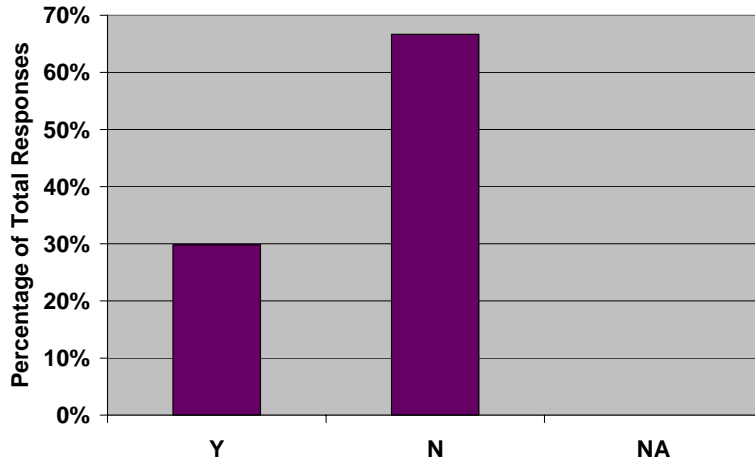
I have tried one or more of the "Here's an Idea" tips on the Tools and Tips website



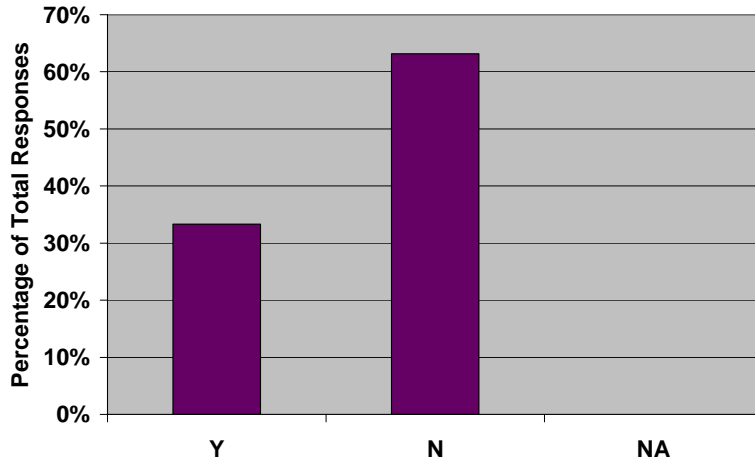
I have visited the AISC WET Files page



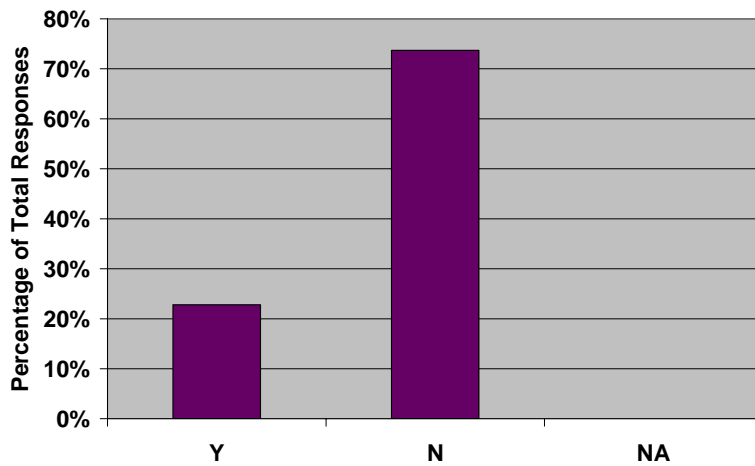
I have used one or more of the AISC WET Files



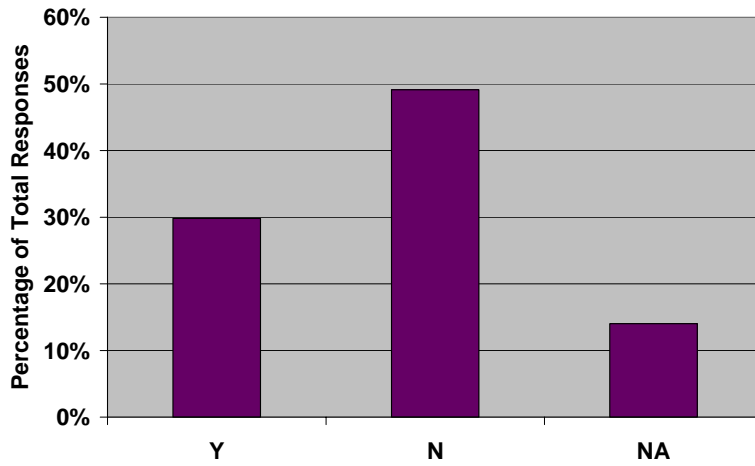
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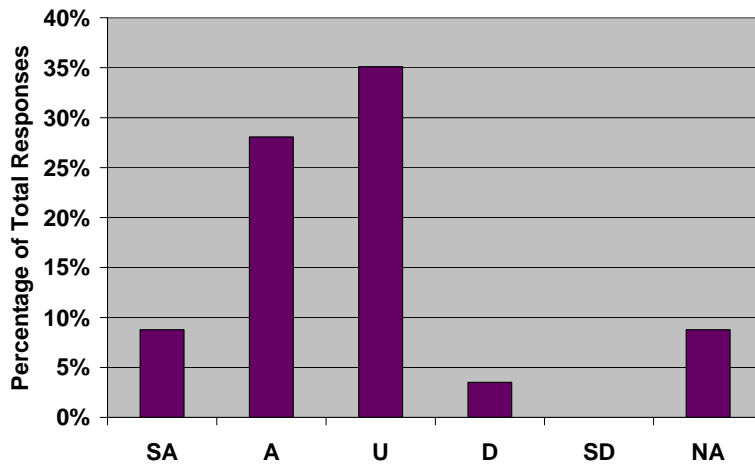
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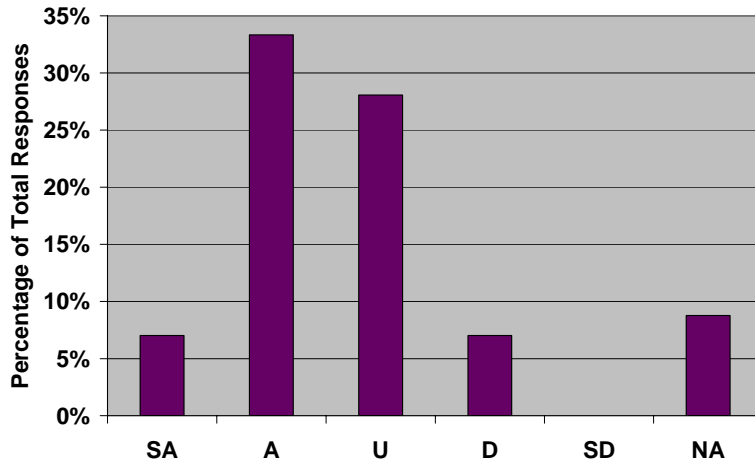
I typically read each issue of the Tip Sheet



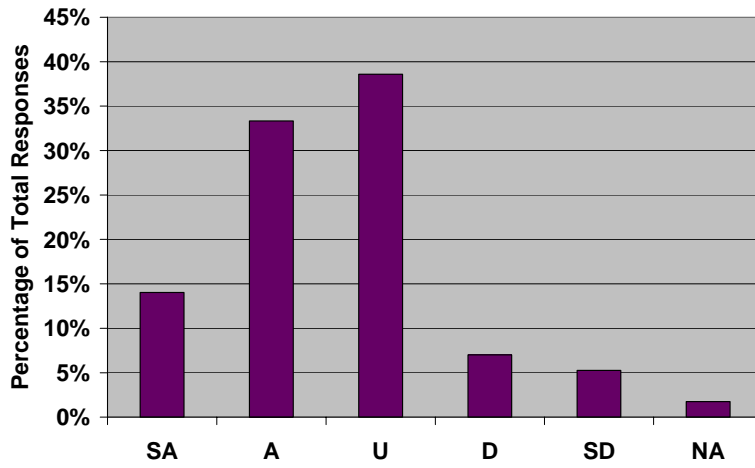
I typically find something new (information or teaching aid) in each Tip Sheet



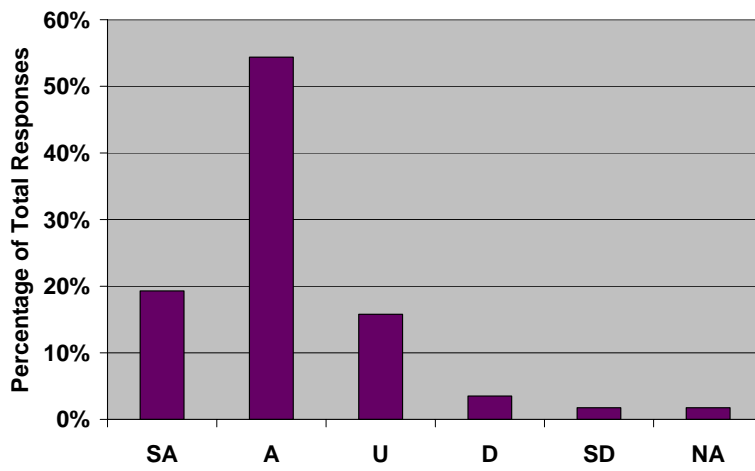
I typically find something in the Tip Sheet that I will consider using in my course



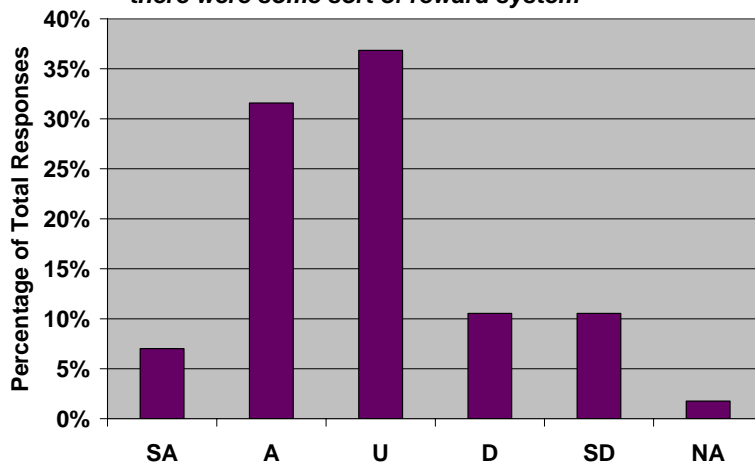
I would find sample course syllabi helpful



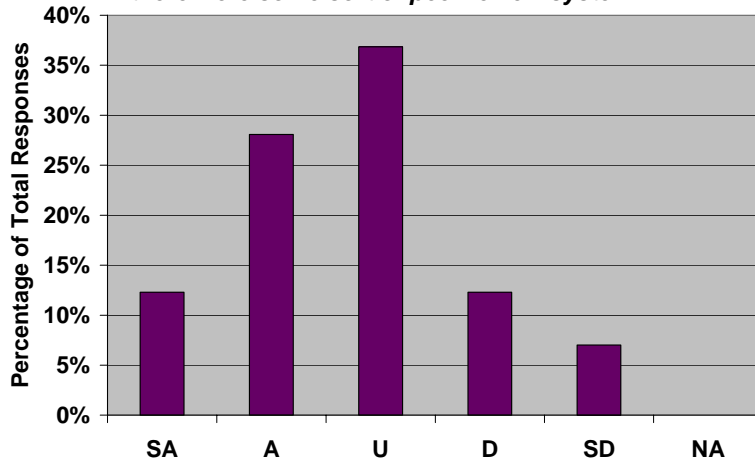
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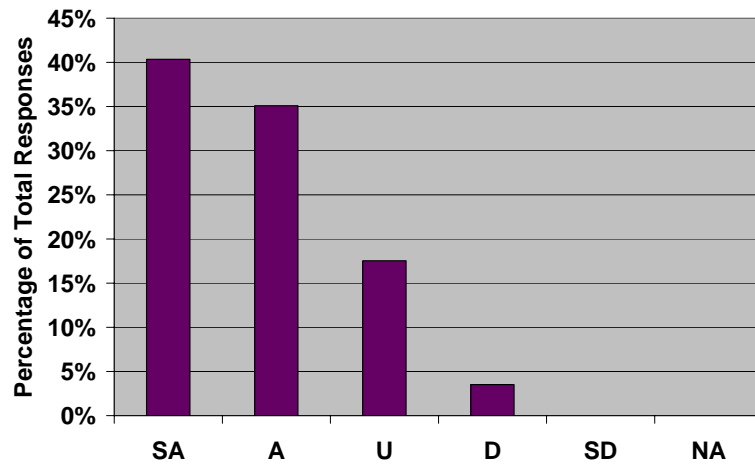
I would be more inclined to submit teaching aids if there were some sort of reward system



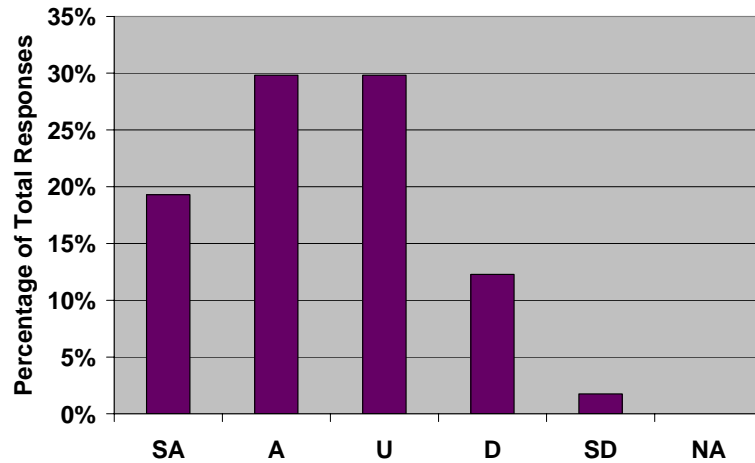
I would be more inclined to submit teaching aids if there were some sort of peer review system



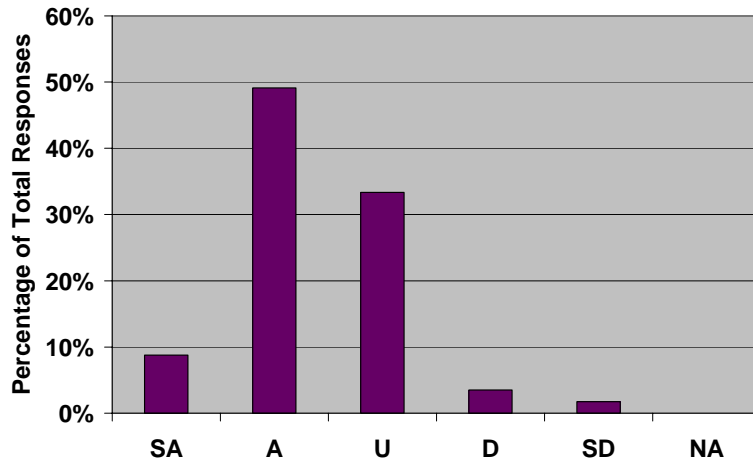
I would be more inclined to use AISC WET CD materials if I could download them from a website



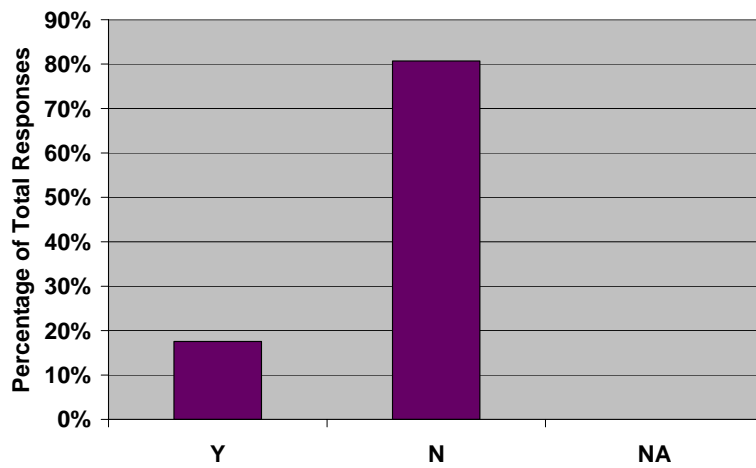
A rating system would help me to decide which teaching aids to use



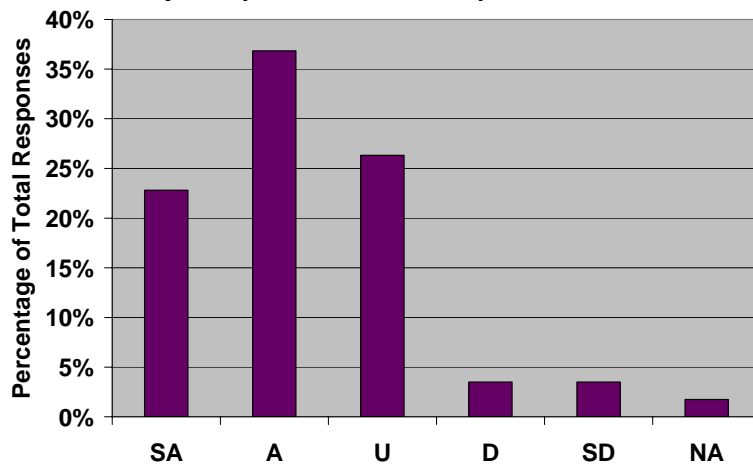
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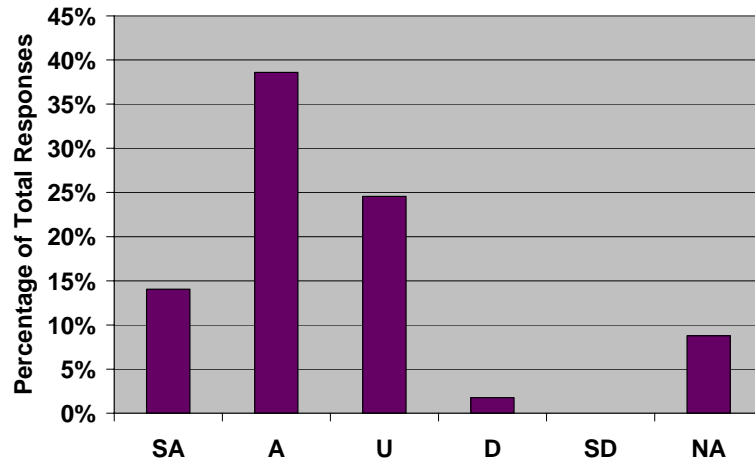
I have used the AISC WET lab exercises



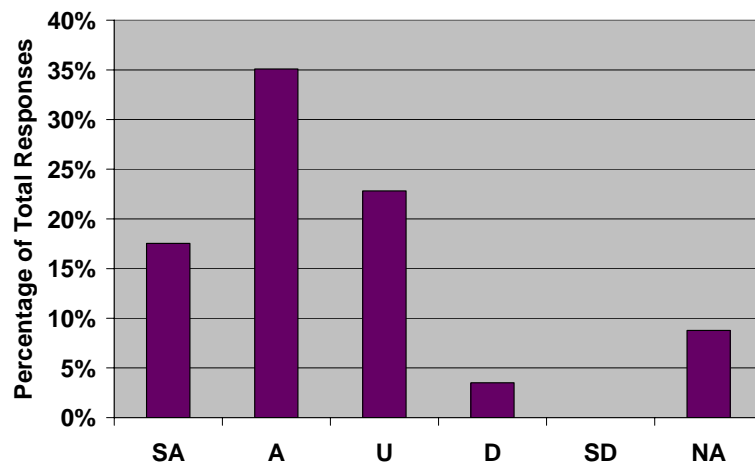
My future use of the labs depends on whether or not they are updated to the 2005 Specification



The content of the Tip Sheet is generally useful



The general format of the Tip Sheet is good



AISC Web Enhanced Teaching (WET) Tools for Educators SURVEY

2006 NASCC Educator Session, February 8, 2006

Judy Liu – Purdue University

(Circle One)

| | | | | | | |
|----|--|-----|----|---|---|----|
| 1 | I have used materials from the AISC WET CD | Yes | No | | | |
| 2 | I have visited the <i>Tools and Tips</i> website | Yes | No | | | |
| 3 | I find the <i>Tools and Tips</i> site easy to navigate | SA | A | U | D | SD |
| 4 | I have tried one or more of the "Here's an Idea" tips on the <i>Tools and Tips</i> website | Yes | No | | | |
| 5 | I have visited the AISC WET Files page | Yes | No | | | |
| 6 | I have used one or more of the AISC WET Files | Yes | No | | | |
| 7 | I have visited the AISC WET Photos page | Yes | No | | | |
| 8 | I have used one or more of the AISC WET Photos | Yes | No | | | |
| 9 | I typically read each issue of the <i>Tip Sheet</i> | Yes | No | | | NA |
| 10 | I typically find something new (information or teaching aid) in each <i>Tip Sheet</i> | SA | A | U | D | SD |
| 11 | I typically find something in the <i>Tip Sheet</i> that I will consider using in my course | SA | A | U | D | SD |
| 12 | I would find sample course syllabi helpful | SA | A | U | D | SD |
| 13 | I would find quiz / exam questions helpful | SA | A | U | D | SD |
| 14 | I would be more inclined to submit teaching aids if there were some sort of reward system | SA | A | U | D | SD |
| 15 | I would be more inclined to submit teaching aids if there were some sort of peer review system | SA | A | U | D | SD |
| 16 | I would be more inclined to use AISC WET CD materials if I could download them from a website | SA | A | U | D | SD |
| 17 | A rating system would help me to decide which teaching aids to use | SA | A | U | D | SD |
| 18 | I would submit reviews or tips if a feedback system were incorporated | SA | A | U | D | SD |
| 19 | I have used the AISC WET lab exercises | Yes | No | | | |
| 20 | My future use of the labs depends on whether or not they are updated to the 2005 Specification | SA | A | U | D | SD |
| 21 | The content of the <i>Tip Sheet</i> is generally useful | SA | A | U | D | SD |
| 22 | The general format of the <i>Tip Sheet</i> is good | SA | A | U | D | SD |

Please use the back of this sheet for any additional comments.

(Fold here and detach to enter raffle; must be present to win.)

Name: _____