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MGMT 110: Standards Module In-Class Lesson Plan

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MGMT 110 - Standards Module In-Class Lesson Plan

50 minutes

Student Pre-work:

- Before engaging in any of the instructional material, the students need to complete the pre-module quiz
- Watch Standards are Everywhere videos - introduction, module 1 and module 2: (https://guides.lib.purdue.edu/NIST_standards)
- Complete pre-class assignment and submit to Brightspace

5 min	Introduction to session --Business Librarian (HH) introduces Engineering Librarian (MP) and welcomes students to the session, discussing how standards relate to her business endeavors
5-10 min	Engineering Librarian (MP) debrief on compare/contrast pre-class assignment (review pre-module quiz in advance and make sure questions are addressed in the class discussion if they don't come up readily)
10 min	Introduction to standards, making sure to cover these points on the slides: (Engineering Librarian - MP) <ul style="list-style-type: none">• Ask students: Who has worked with standards before?• What is a standard and why do they exist• Who creates standards• Mandatory vs voluntary• Design, processes, performance/testing and standards• Show an example standard - point out SDO (perhaps ASTM F1447-18 Standard Specification for Helmets Used in Recreational Bicycling or Roller Skating or find another interesting one)• Ask students: why are standards important for business, such as marketing strategies?
20 min - Segment 1 - Standards in Everyday	Group Activity - (Introduced by Engineering



<p style="text-align: center;">Objects</p> <p>(Guide: https://guides.lib.purdue.edu/PMAstandards (add new guide link once Robin creates it)</p>	<p>Librarian (MP) and facilitated by both Engineering Librarian (MP) and Business Librarian (HH))</p> <ul style="list-style-type: none"> ● Students sit in their pre-assigned groups of 4-5 ● Share “Common Items Handout” links on a libguide - each group will have a designated link on guide ● Explain handout and go through example on page 2-3 ● Have students work through page 4 ● Debrief (5 min) <ul style="list-style-type: none"> ○ What did you say? (clear up any misconceptions during discussion) ○ We aren’t going to do it today but you could now go identify and locate find standards related to the object or components using Library databases or another way for consumer products is to look on retail websites - example - https://www.homedepot.com/p/Louisville-Ladder-5-ft-Fiberglass-Step-Ladder-with-250-lb-Load-Capacity-Type-I-Duty-Rating-FS2005/303541181?source=shoppingads&locale=en-US#product-overview - look under info & guides - specification
<p style="text-align: center;">5 min</p>	<p>Wrap up</p> <ul style="list-style-type: none"> ● Questions ● Business Librarian (HH) introduces Group Challenge 4 assignment

Post-module:

- After turning in group challenge assignment and receiving feedback on the assignment, students need to complete the post-module quiz

