

CLI PowerPoint Accessibility Training

CLI@ILLINOISTECH.EDU

BY: CHRISTINA SIMMONS



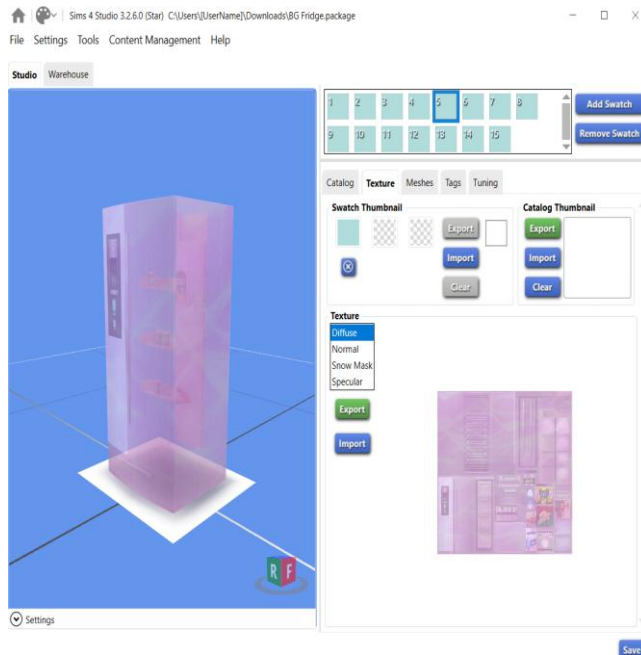
How to Create Custom Content in The Sims 4

Recoloring and Transparency Editing with Sims4Studio

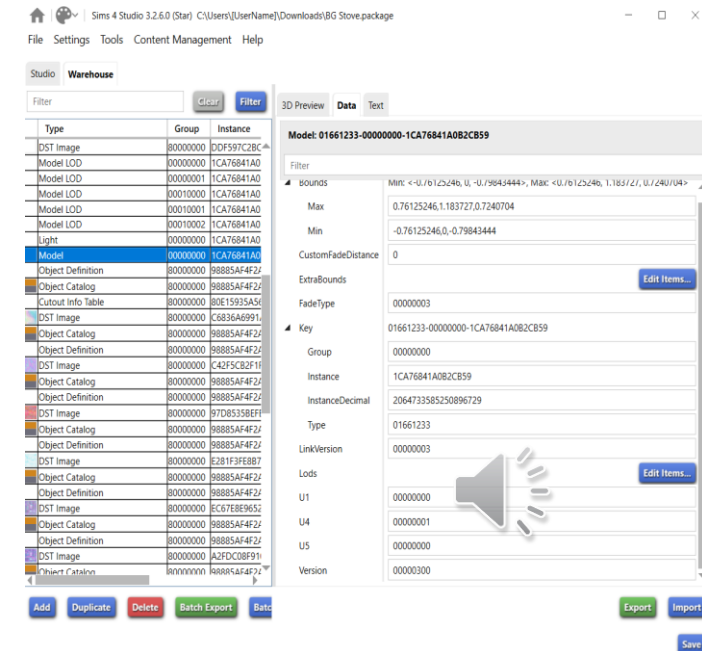


Adding Custom Swatches in Sims 4 Studio

- ▶ To create additional swatches in Sims 4 Studio, clone the object package, import the diffuse texture, verify the multiplier and shadow layers remain unchanged, then export the package before creating additional swatches through Warehouse mode. After generating new swatches, update the CASP resources, check the object tuning, and ensure all texture references are correctly linked. Failure to update texture resources may result in missing thumbnails, broken UV mapping, or incorrect catalog display behavior. Custom swatches should be tested in-game before distribution to confirm proper functionality and prevent resource conflicts.



- Clone package
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- Generate swatch
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- Import DDS texture
- Test catalog behavior
- Resolve resource conflicts



What Just Happened?

Most of you are experts in your fields. But for the last 30 seconds, you were a beginner. You were presented with a complex topic full of unfamiliar vocabulary and asked to identify what was important.

This is how many students experience university courses every day. When slides are overloaded with information, students must simultaneously learn new content and figure out what matters most. Accessible design helps remove that extra barrier.



Why This Matters?



Accessible Design is not “extra work”—
It’s how we ensure every student can fully
access and engage with all course content.

Here’s what accessible design can provide:

- Better Teaching
- Clearer Learning Experiences
- Greater Inclusion
- Higher Student Success



Real Student Impact

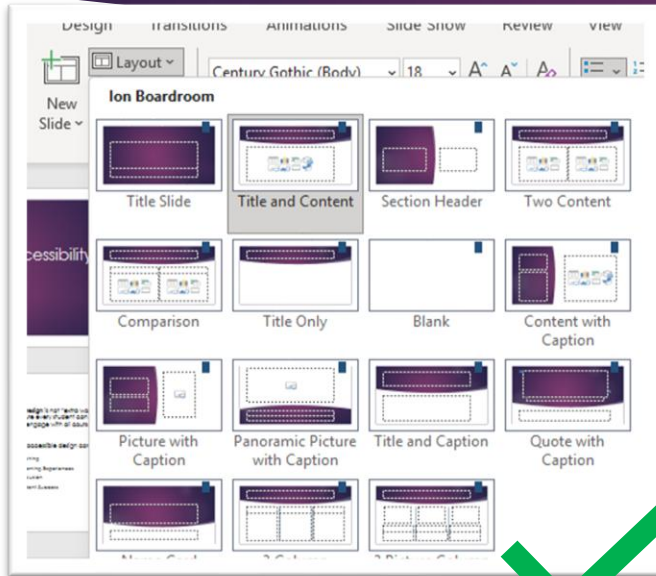


What are some of the impacts of accessible design?

- ~20% of college students report having a disability
- Many disabilities are invisible (cognitive, visual, auditory)
- Inaccessible materials; lead to frustration, disengagement, lower success rates
- This can block participation in higher education altogether

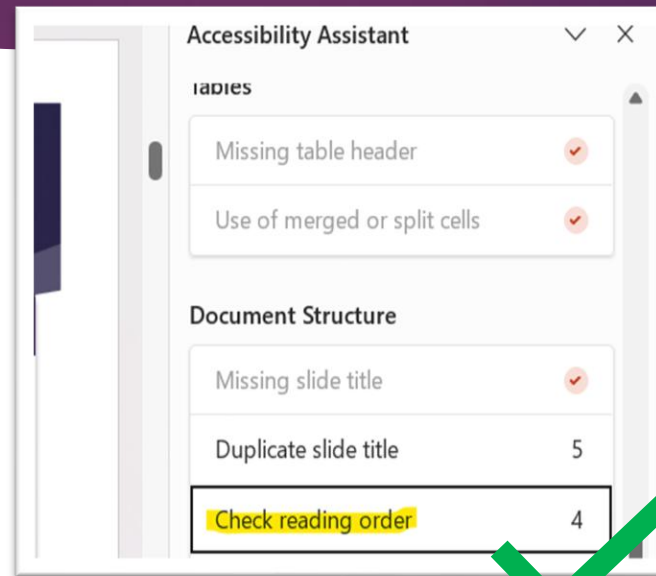


Core Accessibility Concepts for PPT Layout & Structure



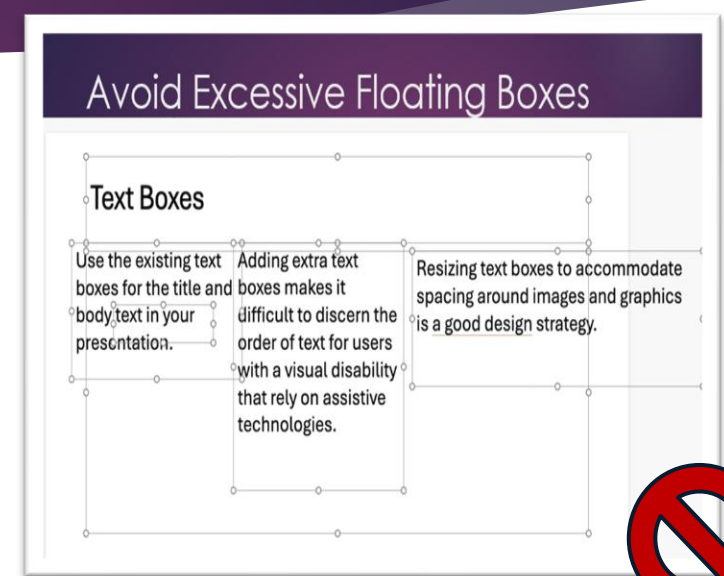
Why?

Supports correct reading order for screen readers and provides consistent structure for all learners.



Why?

Screen readers rely on structured placeholders to interpret reading order correctly.



Why?

Unstructured layouts can disrupt reading order and increase cognitive overload for assistive tech users.

Core Accessibility Concepts for PPT

Text & Cognitive Load

- Keep text concise and structured
- Use bullet points instead of paragraphs
- Use line spacing to keep key phrases separated
- Limit one idea per line or bullet point



Why?

Improves readability and reduces cognitive overload for all learners, especially those with processing or attention differences.

- ~20% of college students report having a disability
- Many disabilities are invisible (cognitive, visual, auditory)
- Inaccessible materials; lead to frustration, disengagement, lower success rates
- This can block participation in higher education altogether



Why?

Dense text reduces accessibility and makes it harder for visually impaired and neurodivergent students to process information.

Key Concepts in Student Retention

- Student retention is influenced by a variety of academic, social, and institutional factors that interact in complex ways and require ongoing evaluation by faculty and administrators in order to ensure that students remain engaged and supported throughout their academic journey
- Faculty should consider implementing multiple strategies such as differentiated instruction, frequent assessments, and inclusive teaching practices while also being mindful of the diverse needs of students including those with disabilities or other barriers to learning
- It is also important to recognize that retention efforts must be consistent across departments and that collaboration between faculty, advisors, and student support services plays a critical role in improving overall outcomes for students
- Additionally, the use of technology in the classroom can both support and hinder student success on how it is implemented and whether or not it is accessible to all learners

Please review all concepts listed above for the exam.



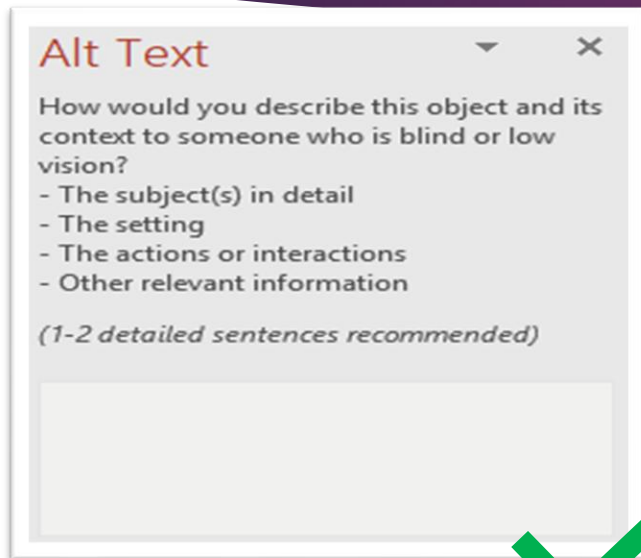
Why?

Too much text reduces legibility and increases cognitive strain.



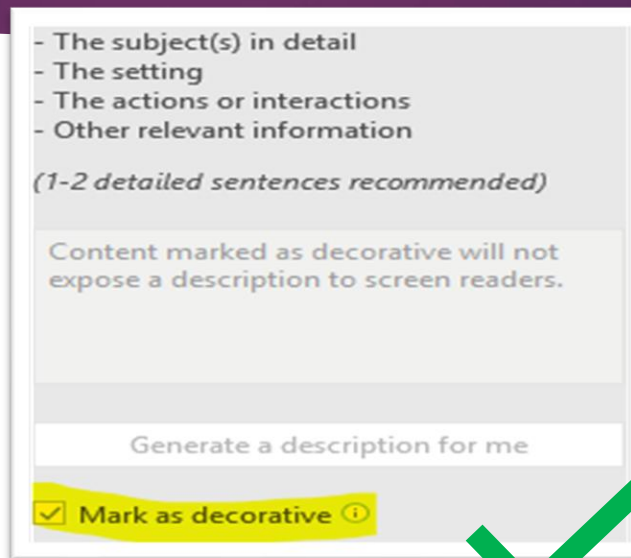
Core Accessibility Concepts for PPT

ALT Text & Color Contrast



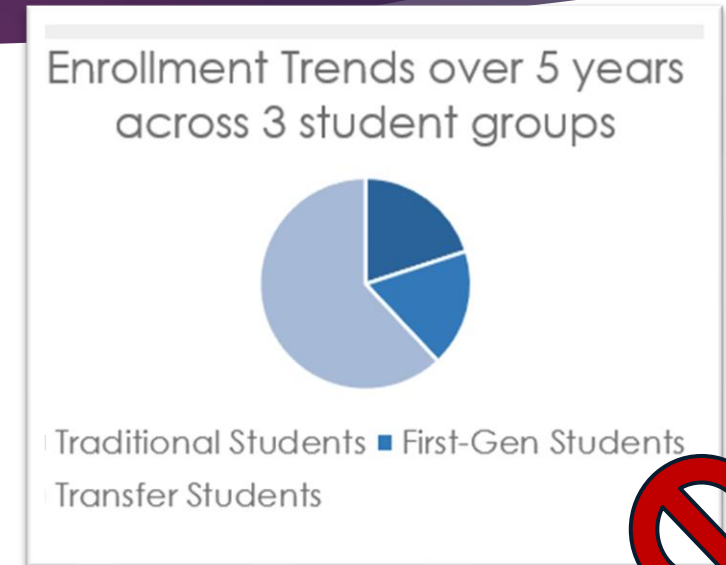
Why?

It's important to describe the purpose of the image because screen readers rely on alt text to communicate visual information.



Why?

“Mark as decorative” prevents unnecessary interruption in screen reader flow.



Why?

Low vision or colorblind students may not distinguish meaning if color is the only indicator or similar in shade.



Which slide layout is accessible?

Students Success Strategies

Improving student success in higher education requires a multifaceted approach that includes engagement, resource accessibility, and instructional clarity.



Engagement
*Participation
*Group work

Resources
*Tutoring
*Office hours

Outcomes
*Retention
*Graduation rates



Improving Student Success in Higher Education

- **Engagement** supports active learning
- Access to **resources** improves outcomes
- **Clear instruction** increases understanding



Which slide layout is accessible?

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Please review all concepts listed above for the exam.



Key Concepts in Student Retention

- Academic support improves persistence
- Inclusive teaching increases engagement
- Collaboration strengthens student success
- Accessible technology supports all learners

Clear, **concise content improves understanding** for all students



Enrollment Trends

Enrollment Trends over 5 years across 3 student groups



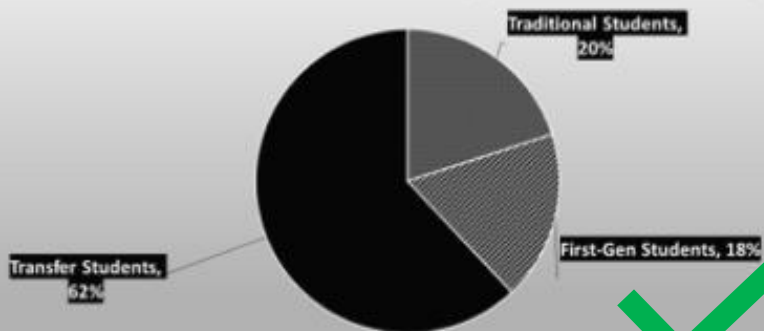
Traditional Students First-Gen Students Transfer Students

The chart above illustrates changes in enrollment patterns across different student populations over time, highlighting key differences in growth rates.

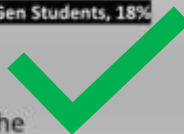


Which slide layout is accessible?

5-Year Enrollment Trends by Student Group



Transfer student enrollment increased the fastest over five years.

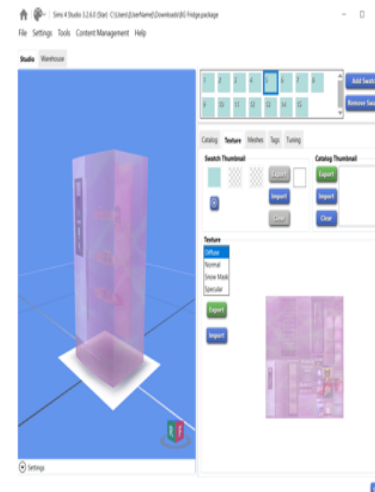


Let's fix this slide together

- What stands out to you?
- You don't have to fix everything, start with one improvement.

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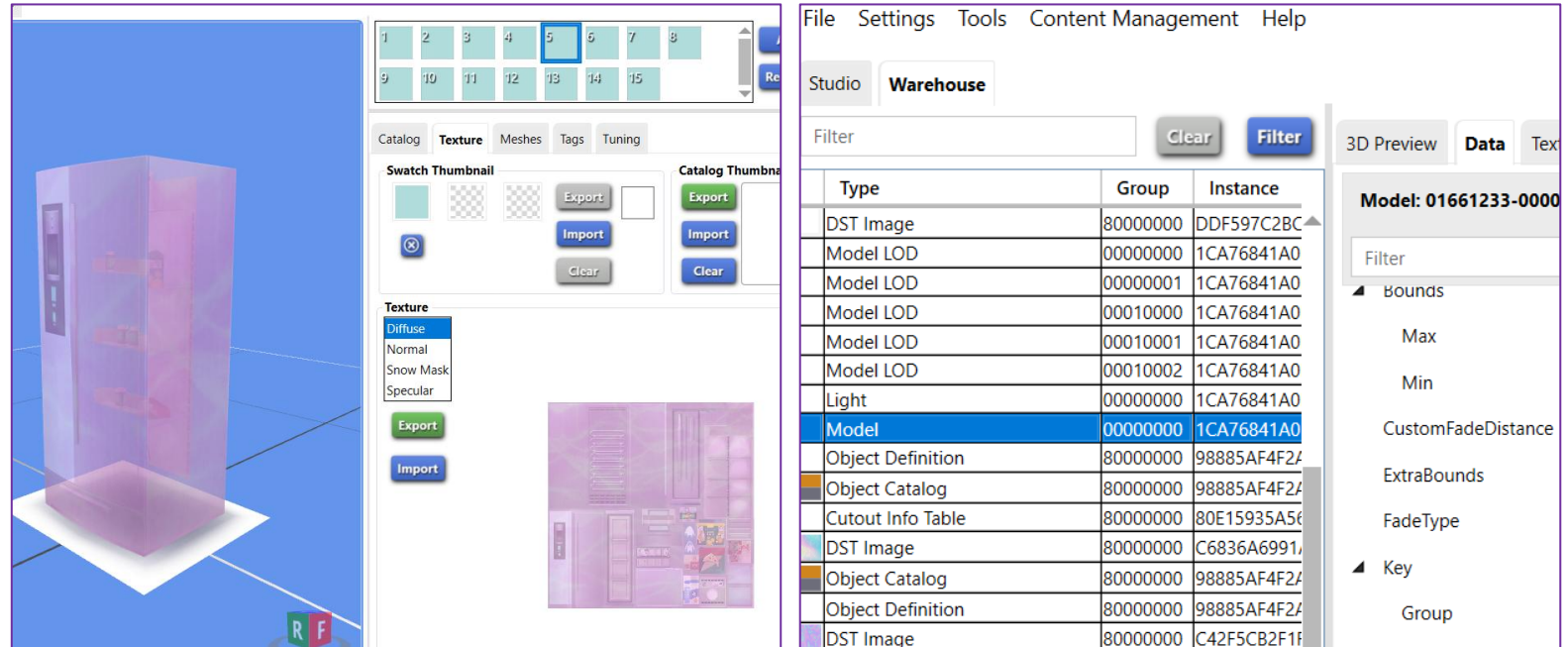


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Adding Custom Swatches in Sims 4 Studio: 4 Key Steps

- Step 1: Clone the object package.
- Step 2: Import a new texture file.
- Step 3: Generate and assign new swatches
- Step 4: Test the object in-game.



Key Point:

Every new swatch must be tested in-game to ensure textures and thumbnails display correctly.



Summary & Key Points

- Use built-in slide layouts to create clear structure and reading order.
- Reduce cognitive load by focusing on key ideas instead of large blocks of text.
- Add meaningful ALT text and ensure information is not communicated through color alone.
- Accessibility benefits all students, not only those using accommodations.
- Small improvements can have a significant impact on learning and engagement.

Remember the Sims 4 Exercise

Just as many of us struggled to identify the most important information on an unfamiliar Sims 4 slide, students often face the same challenge when course materials are dense, unstructured, or inaccessible.



Accessibility helps students spend less energy figuring out *how* to access information and more energy learning it.

Resources for Accessible PowerPoint Slides



Reference Sheet

Accessible Color + Pattern
Combinations (Reference
Sheet)



Update Guide

Updating Existing
PowerPoints for
Accessibility



How to Start
Guide

Creating an Accessible
PowerPoint from the Start

