

STEM Course Accessibility Checklist

- ☐ Use clear headings, readable fonts, and high contrast.
- ☐ Provide slides/notes in advance when possible.
- ☐ Add alt text to images, diagrams, graphs, and tables.
- ☐ Avoid scanned PDFs; upload accessible, text-based files.
- ☐ Ensure equations are provided in accessible formats (ex. MathML, LaTeX, equation editor, etc.).

Videos & Demonstrations

- ☐ Caption all videos (auto-captions + quick checks).
- ☐ Provide transcripts for lectures when available.
- ☐ Verbally describe key visual actions in demos and experiments.

Labs & Classroom Activities

- ☐ Provide lab instructions ahead of time.
- ☐ Ensure aisles and workspaces are navigable.
- ☐ Offer flexible lab roles (e.g., data recorder, operator).
- ☐ Provide accessible digital versions of lab manuals and safety sheets.

Assessments

- ☐ Use LMS quizzes/exams that support screen readers.
- ☐ Ensure keyboard navigation is possible.
- ☐ Use clear, consistent formatting for equations and symbols.
- ☐ Prepare large-print/high-contrast versions when needed.
- ☐ Avoid unnecessary time pressure unless pedagogically essential.

LMS & Course Organization

- ☐ Use descriptive link text ("Week 3 Slides").
- ☐ Organize modules in a logical, consistent order.
- ☐ Provide assignment instructions in text—not just images or PDFs.

- ☐ Label files clearly (e.g., "Lab2_Instructions.pdf").

Communication & Support

- ☐ Include a friendly, welcoming accessibility statement in the syllabus like our [sample accessibility statements](#).
- ☐ Offer office hours in multiple formats (in-person + virtual).
- ☐ Use weekly checklists or reminders for major deadlines.
- ☐ Invite students to share access needs (without requiring medical disclosures).

General Good Practices

- ☐ Consider alternatives for hands-on tasks when appropriate.
- ☐ Use multiple methods to present key concepts (visual, verbal, written, etc.).
- ☐ Be flexible with participation and deadlines when disability-related issues arise.
- ☐ Respond promptly to accommodation requests and questions.