eLearning Requirements

Minimal technical, design and accessibility requirements for online learning

ELEARNING PACKAGES

1. Preferred output is SCORM 1.2 (for large courses, we prefer to publish several SCORM packages instead of a MULTISCO package). Note: other delivery formats, such as via LMS or H5P, may be considered.
2. HTML 5 compliant output (no Flash).
3. Courses should work without any particular plugin on modern internet browsers such as Internet Explorer 11+, MS Edge, Firefox 53+, Chrome 58+ and Safari 10.
4. Touch-friendly interfaces and activities (fully responsive or adaptive – depends on specific requirements).
5. Optimized for low-bandwidth connections; the content should be also available in accessible PDF.

VIDEOS AND ANIMATIONS

1. Minimum resolution for interviews 1080p (1920x1080). Minimum resolution for a screencast/animation 720p (1280x720).
2. Encoded as an mp4.
3. The video should be 16:9 aspect ratio.
4. The video should be subtitled (or closed captioned to improve accessibility).

DESIGN

1. Aligned with organizational branding (fonts, colours, logo).
2. Use high contrast and clean designs that meet WCAG accessibility requirements.
3. Ensure that the course navigation is clear and consistent.
4. Ensure instruction is provided to users throughout the course.
5. Ensure a reasonably high level of quality for all graphics and videos.
6. We prefer responsive design approaches (when appropriate - depends on specific requirements and the authoring tool used).
7. Use of modern templates and move effective and modern content treatments are welcome. For example, include infographics to present key ideas, statistics. Include introductory screens where missing. Break up lengthy text blocks that cause cognitive overload. Add stories or use of other instructional design methodology that features situations or challenged learners to face regularly.

ACCESSIBILITY

UN is committed to be a role model and produce highly accessible learning resources. Online learning shall comply with the latest WCAG (AA level) accessibility requirements.

AUTHORING TOOLS

When selecting a tool, please consider:

1. Design flexibility and control
2. Feedback and assessment capabilities
3. Type of interactions and ability to support the desired learning format
4. Language support (e.g. support for the right-to-left languages)
5. Mobile learning-ready
6. Maintenance and publishing process
7. Meets technical requirements
8. Easy localisation and LMS integration
9. Production cost