

Development Staff

The following is the make-up of an ideal WBT development team. Without resources like these, it is difficult to produce many WBTs simultaneously, quickly, or smoothly.

In the real world, however, course development efforts are often small enough (or limited enough by budget) that team members must double-up and perform more than one role. Roles that typically cross are:

- SME & Instructional Designer
- Interface Designer, Graphic Artist, Multimedia/Web Author, & Multimedia/AV Specialist

In addition, the QA/Product Tester's responsibilities are many times filled by other available members of the team.

Project Leader/Manager	SME	Instructional Designer
<ul style="list-style-type: none"> • Schedule team meetings • Coordinate team work • Monitor task completion • Distribute materials • Assign specific tasks 	<ul style="list-style-type: none"> • Generate content information • Work with Instructional Designer to complete analyses and design documents • Ensure content design standards are being met • Approve design documents • Approve layout and templates • Approve prototypes • Approve course & assessment 	<ul style="list-style-type: none"> • Work with SME and team members to define multimedia requirements • Work with SME to complete analyses and design documents • Review content/course to ensure pedagogical design standards are being met • Set assessment parameters based on SME input
Interface Designer	Graphic Artist	Multimedia/Web Author
<ul style="list-style-type: none"> • Design and test navigation system • Work with others to create prototypes • Ensure technical design standards are being met • Work with others to ensure graphics are correct size and format 	<ul style="list-style-type: none"> • Generate graphics • Provide input on graphics • Archive graphics • Ensure graphic design standards are being met • Assist Interface Designer with interface design; provide input on layout, colors, metaphors 	<ul style="list-style-type: none"> • Convert content information to Web pages • Integrate multimedia elements into Web pages • Work with others to create prototypes • Assist Interface Designer with interface design; provide input on layout, colors, metaphors • Maintain existing courses
Multimedia/AV Specialist*	Coder/Programmer/Developer	QA Specialist/Product Tester
<ul style="list-style-type: none"> • Generate multimedia elements like video, audio, animation, VR simulations • Provide input on multimedia elements • Archive multimedia elements <p>*more than one expert may be required, not all multimedia experts are specialized in all of the above</p>	<ul style="list-style-type: none"> • Create code/scripts for complex embedded interactions, tests/surveys • Program back-end database code for complex tracking tasks like bookmarking within courses, tracking of students, auto-generated content, etc. • Set up chats, BBS, uploads, etc. • Offer technical advice • Test scripts and programs 	<ul style="list-style-type: none"> • Verify integrity of program based on established standards • Test program/Web pages for bugs or broken links • Execute test scripts where necessary • Work with Programmer to correct bugs and verify fixes