

JAMIE C. WARREN

Instructional Designer & Interactive Learning Developer

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SUMMARY

Instructional designer and developer with 4+ years building interactive, accessible learning experiences in higher education, backed by 15+ years across teaching and IT. Hands-on with Articulate Storyline 360 and Rise 360, H5P, and custom HTML/CSS/JavaScript interactives delivered as SCORM to Canvas — including SCORM API-level debugging and troubleshooting. Core builder on a college-wide Moodle-to-Canvas migration. University of Tennessee, Knoxville alumnus (M.M. 2006).

CORE COMPETENCIES

- **Interactive development:** Articulate Storyline 360 & Rise 360, H5P, custom HTML/CSS/JavaScript interactives, scenario-based and drag-and-drop learning
- **SCORM & LMS:** SCORM packaging, testing, and API-level troubleshooting; Canvas LMS administration and course setup; Moodle; LTI integrations; QTI assessment conversion
- **Accessibility:** WCAG 2.1 auditing, semantic HTML, screen-reader testing, captioning, Universal Design for Learning
- **Design & pre-production:** Backward design and ADDIE, storyboards and flowcharts, Figma/FigJam course mapping, visual design and typography
- **Media production:** Studio video production, Adobe Creative Cloud (Premiere Pro, Photoshop, Illustrator, After Effects, Audition), OBS, lightboard, 360° video
- **Collaboration:** SME and faculty partnership, design reviews, QA cycles, project documentation and status tracking

PROFESSIONAL EXPERIENCE

Instructional Designer | Blue Ridge Community College

Mar 2022 – Present

- Design and develop interactive learning objects in Storyline, Rise, H5P, and custom HTML/JavaScript — branching scenarios, drag-and-drops, interactive study tools, and knowledge checks — published as SCORM to the LMS.
- Serve as a core builder in the college-wide, state-mandated Moodle-to-Canvas migration — designing the course-rebuild pipeline and rebuilding courses end to end with Canvas Pages, Quizzes, H5P, and SCORM content for an August 2026 launch.
- Troubleshoot SCORM at the API level: resolved embedded-video failures (YouTube Error 153) with origin-fallback logic, debugged SCORM 1.2 runtime calls, and built a Moodle XML-to-QTI converter to carry assessments into Canvas.
- Built a reusable, WCAG-compliant HTML component library for Canvas course rebuilds, documented in a shared knowledge base with a live preview workflow.
- Partner with 30+ faculty and SMEs to define measurable objectives and translate content into engaging online experiences; run design reviews, QA checks, and revision cycles.
- Audit courses against WCAG 2.1: semantic HTML, alt text, color contrast, captioned video, and screen-reader-tested interactions.
- Modernized the authoring workflow (Storyline/Rise, Figma course maps, H5P, reusable video templates), cutting production time 40%.
- Lead faculty development workshops on Storyline, Rise, H5P, accessibility, UX for educators, and AI-assisted teaching; manage an on-campus studio producing 30+ hours of instructional video per semester.

IT Specialist | Blue Ridge Community College

Mar 2021 – May 2022

- Supported faculty, staff, and students across a satellite campus; specified and installed SMARTboards, VoIP conferencing, and A/V upgrades for hybrid classrooms; authored knowledge-base documentation.

Tech Support Analyst / Canvas LMS Administrator | Brevard College

Mar 2017 – Mar 2022

- Served as root Canvas LMS administrator during an emergency migration — configured course shells, SSO, and integrations while running daily faculty support sessions.
- Redesigned 30+ classrooms for hybrid instruction and trained faculty on simultaneous in-person/remote teaching.

- Designed curriculum, directed ensembles, and built measurable skill progressions in improvisation and ear training — the sequencing instincts that still drive my instructional design.

SELECTED INTERACTIVE PROJECTS

- **Jazz Interactive** — free OER with browser-based interactive exercises built on a See/Hear/Play/Apply loop; custom JavaScript audio engine, dark mode, mobile-responsive. jazzinteractive.org
- **Wall & Partition Assembly** — Storyline 360 drag-and-drop with immediate feedback for a CTE construction course. [View project](#)
- **UX for Educators** — Rise 360 faculty PD series on learner-centered design. [View course](#)
- **Interactive study tools** — standalone HTML/JavaScript study companions paired with SCORM lessons for design and ecology courses; deployable to any LMS or the web.
- **Moodle XML → QTI Converter** — custom tool converting legacy quiz banks (multiple choice, matching, short answer) into Canvas-compliant QTI packages.

EDUCATION & CERTIFICATIONS

- **Master of Music** — University of Tennessee, Knoxville, 2006
- **K-12 Tennessee Teaching License** — University of Tennessee, 2009
- **Bachelor of Arts** — Brevard College, 2002
- Design Thinking Practitioner (IBM) · Interaction Design Foundation (IxDF) · CompTIA A+