# Table of Special Education Elements and Results
## Christy Keeler, Ph.D. and Mark Horney, Ph.D.

**Table 1: Website Design**

| Element | Possibilities | Frequency |
|---|---|---|
| **Mouseclicks** Identifies the average number of mouse-clicks required to reach lessons from the homepage. | Ave | 4 clicks |
| | Min | 1 click |
| | Max | 7 clicks |
| **Design Consistency** Identifies whether the Web design of the course appears to be consistent through the entire course. | Yes | 100% |
| | Somewhat | 0% |
| | No | 0% |
| **White Space** Identifies whether the design of the third lesson includes white space. | Yes | 100% |
| | No | 0% |
| **Background** Identifies whether the background allows easy reading of the text. | Acceptable | 100% |
| | Difficult | 0% |
| **Font** Identifies the primary font type in the third lesson | Serif | 32% |
| | Sans serif | 64% |
| | Script | 0% |
| | Novelty | 0% |
| | Symbol | 0% |
| | Multiple | 0% |
| **Font Size** Identifies the primary font size of the normal text in the third lesson. | Ave | 13 point |
| | Min | 12 point |
| | Max | 19 point |
| **Font Style** Identifies the primary font style of the normal text used in the third lesson. | Normal | 91% |
| | Bold | 32% |
| | Italic | 5% |
| | Underline | 0% |
| | Other | 0% |

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|---|---|---|
| **Font Color** Identifies whether the primary | Black | 91% |
| | Not Black | 0% |
| | Mixed | 9% |
| **Course Image Type** Identifies whether unique images exist within this lesson and the types of the images. | Diagram | 55% |
| | Symbol | 45% |
| | Map | 27% |
| | Table | 50% |
| | Graph | 0% |
| | Focus Point | 73% |
| | Photograph | 95% |
| | Clipart | 86% |
| | Animation | 27% |
| | Video | 4%5 |
| | None | 0% |
| **Image Type (Lesson Level)** Identifies whether unique images exist within this lesson and the types of the images. | Diagram | 23% |
| | Symbol | 6% |
| | Map | 8% |
| | Table | 30% |
| | Graph | 5% |
| | Focus Point | 21% |
| | Photograph | 58% |
| | Clipart | 48% |
| | Animation | 12% |
| | Video | 11% |
| | None | 17% |

**Table 2: Focus on Disabilities**

| Element | Field Value | Frequency |
|---|---|---|
| **Vision Accommodations** Identifies whether the design of the lesson allows efficient use of devices to help visually impaired individuals. | Unclear Fonts | 0% |
| | Titles Unclear | 0% |
| | Frames | 2% |
| | Pop-Ups | 14% |
| | Color Coding | 6% |
| | No Text Equivalents | 23% |
| | No Table Headers | 0% |
| | Table Summaries | 0% |
| | Blinks | 0% |
| | Moving Content | 12% |
| | Adjacent Links | 2% |
| | Timing | 2% |
| | Directions for Forms | 6% |
| | None | 59% |
| **Hearing Accommodations** Identifies whether the design of the lesson allows efficient use of devices to help hearing-impaired viewers. | Volume Reset | 0% |
| | Hearing Alternative | 0% |
| | Natural Language Change | 3% |
| | Abbreviation Expansion | 0% |
| | Text Alerts | 0% |
| | Text Transcripts | 3% |
| | Timing | 2% |
| | None | 95% |
| **Bias** Identifies whether bias exists within the lesson. | Topical | 0% |
| | Cultural | 0% |
| | Gender | 2% |
| | Racial | 2% |
| | Disability | 0% |
| | None | 97% |

**Table 3: Technologies Used**

| Element | Field Value | Frequency |
|---|---|---|
| **Types of Required Materials** Identifies which materials are required. | Textbook | 27% |
| | Book | 0% |
| | Lab Kit | 14% |
| | CD | 0% |
| | Video Cassette | 14% |
| | Video Camera | 0% |
| | Software | 14% |
| | Still Camera | 0% |
| | Fax | 0% |
| | Phone | 9% |
| | PDA | 0% |
| | DVD | 0% |
| | Calculator | 9% |
| | Tape Recorder | 0% |
| | Audiocassette | 5% |
| | Microphone | 9% |
| | Speakers | 9% |
| | None | 41% |
| **Types of Optional Materials** Identifies which materials are optional. | Textbook | 18% |
| | Book | 0% |
| | Lab Kit | 0% |
| | CD | 0% |
| | Video Cassette | 0% |
| | Video Camera | 0% |
| | Software | 9% |
| | Still Camera | 0% |
| | Fax | 0% |
| | Phone | 0% |
| | PDA | 0% |
| | DVD | 0% |

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|---|---|---|---|---|---|
| | Calculator | 0% | | Image Map | 36% |
| | Tape Recorder | 0% | | Pop-up | 27% |
| | Audiocassette | 0% | | Animation | 23% |
| | Microphone | 0% | | Scanner | 0% |
| | Speakers | 0% | | Assistive | 0% |
| | None | 68% | | None | 18% |
| **Course Technologies** Identifies technologies required for the front pages | Links | 23% | **Lesson Technologies** Identifies needed technologies for this lesson | Links | 35% |
| | Email | 5% | | Email | 0% |
| | Chat | 0% | | Chat | 0% |
| | Mailing List | 5% | | Mailing List | 0% |
| | Video | 20% | | Video | 11% |
| | Audio | 27% | | Audio | 9% |
| | Voice Boards | 5% | | Voice Boards | 2% |
| | Threaded Discussion | 36% | | Threaded Discussion | 26% |
| | Fax | 0% | | Fax | 0% |
| | US Mail | 0% | | US Mail | 12% |
| | Telephone | 0% | | Telephone | 2% |
| | Desktop Video | 0% | | Desktop Video | 0% |
| | Download | 36% | | Download | 35% |
| | Applications | 9% | | Applications | 9% |
| | Shared Apps | 0% | | Shared Apps | 0% |
| | Audiographics | 0% | | Audiographics | 0% |
| | Collaboration Software | 0% | | Collaboration Software | 0% |
| | Simulations | 0% | | Simulations | 2% |
| | CD | 5% | | CD | 0% |
| | CD-R | 0% | | CD-R | 0% |
| | VCR | 0% | | VCR | 2% |
| | DVD | 0% | | DVD | 0% |
| | DVD-R | 0% | | DVD-R | 0% |
| | Haptics | 0% | | Haptics | 0% |
| | Web Forms | 27% | | Web Forms | 39% |

| | | |
|---|---|---|
| | Image Map | 0% |
| | PDA | 0% |
| | Textbook | 9% |
| | Book | 3% |
| | Lab Kit | 11% |
| | Video Cassette | 0% |
| | Video Camera | 0% |
| | Still Camera | 0% |
| | Calculator | 5% |
| | Pop-up | 15% |
| | Animation | 9% |
| | Scanner | 0% |
| | Assistive | 0% |
| | None | 8% |
| **Number of Audios** Identifies the number of distinct audio clips that occur within the lesson. | Ave | .3 videos |
| | Min | 0 videos |
| | Max | 9 videos |
| **All Audio** Identifies whether text-to-speech occurs for all text within the lesson. | Yes | 0 |
| | No | 100 |
| **Average Audio Length (Lesson)** – in seconds Identifies the average length of video clips in the lesson. | Ave | 55 seconds |
| | Min | 1 second |
| | Max | 193 seconds |
| **Audio Style** Identifies the purpose or style of the audios within the lesson. | Pronunciation | 6 |
| | Text-to-Speech | 3 |
| | Authenticity | 2 |
| | Non-Text Speech | 0 |
| | Not App | 91 |

| | | |
|---|---|---|
| **Voice** Identifies if the voice in audios and videos is difficult to hear or understand. | Clear | 17 |
| | Unclear | 3 |
| | Accent | 0 |
| | Not App | 0 |
| **Number of Videos** Identifies the number of distinct video clips that occur within the lesson. | Ave | .4 videos |
| | Min | 0 videos |
| | Max | 6 videos |
| **Average Video Length** Identifies the average length of video clips in the lesson. | Ave | 102 sec |
| | Min | 2 sec |
| | Max | 277 sec |
| **Video Style** Identifies the style of the video images. | Lecture | 3 |
| | Animated Graphics | 8 |
| | Graphic Stills | 0 |
| | Photo Stills | 0 |
| | Recorded Video | 0 |
| | Live Video | 0 |
| | Not App | 88 |

**Table 4: Instructional Methodologies:**

| Element | Field Value | Frequency |
|---|---|---|
| **Reading Ease** Identifies the reading level of selected text using the Flesch Reading Ease score | Ave | 62.5 |
| | Min | 43.3 |
| | Max | 77 |
| **Reading Level – in grade level** Identifies the reading level of selected text using the Flesch-Kincaid Grade Level score. | Ave | Grade 8.4 |
| | Min | Grade 5.7 |
| | Max | Grade 12 |
| **Spelling** Identifies whether any spelling errors exist within the course | None | 50& |
| | 1-5 errors | 45% |
| | Many | 5% |
| **Grammar** Identifies whether any grammatical errors exist within the course | None | 45% |
| | 1-5 errors | 50% |
| | Many | 5% |
| **Timed** Identifies whether the assessment is timed. | Yes | 10% |
| | No | 90% |
| | Unknown | 0% |
| **Summaries** Identifies whether concluding summaries exist at the end of the lesson | Yes | 14% |
| | No | 85% |
| **Student Options (Course)** Identifies whether students have control over or input into which units or lessons they must complete. | Yes | 9% |
| | No | 91% |
| **Student Options (Lesson)** Identifies whether students have control over or input into which parts of the lesson or which assessments within this lesson they must complete. | Yes | 18% |
| | No | 82% |
| **Student Options (Assessment)** (N = 64) Identifies whether students have control over or input into which parts of the assessment they must complete. | Yes | 16% |
| | No | 84% |
| **Instructional Activities** Identifies instructional activities within the lesson. | Lecture | 55% |
| | Viewing | 12% |
| | Listening | 8% |
| | Demonstration | 8% |
| | Drill and Practice | 24% |
| | Tutorial | 12% |
| | Group Discussion | 24% |
| | Debate | 3% |
| | Lab | 8% |
| | Presentation | 2% |
| | WebQuest | 0% |

| | Role Playing | 18% |
|---|---|---|
| | Brainstorming | 5% |
| | Project-Based Learning | 14% |
| | Virtual Simulation | 2% |
| | Question/Answer | 32% |
| | Reflection | 18% |
| | Research | 15% |
| | Game | 0% |
| | Web Reading | 27% |
| | Other Reading | 11% |
| **Peer Interaction** Determines whether students have opportunities to work in groups. | Pairs | 2% |
| | Small Groups | 0% |
| | Class | 26% |
| | Optional | 2% |
| | Alone | 98% |
| **Assessment Types** Identifies assessment method. | Student Choice | 1% |
| | Communication | 10% |
| | True/False | 11% |
| | Multiple Choice | 27% |
| | Fill in the Blank | 15% |
| | Matching | 4% |
| | Short Answer | 26% |
| | Essay | 17% |
| | Visual | 7% |
| | Audio | 0% |
| | Physical | 1% |
| | Portfolio | 0% |
| | Project | 8% |
| | Critique/Edit | 5% |
| | Interview | 0% |
| | Presentation | 1% |

| | Standardized | 0% |
|---|---|---|
| | Comparison Chart | 2% |
| | Paraphrase | 1% |
| | Outline | 1% |
| | Role Play | 1% |
| | Order | 5% |
| | Calculate | 12% |
| | Game | 0% |
| | Lab Results | 7% |
| | Textbook Work | 2% |
| | Unknown | 0% |

**Table 5: Support Systems**

| Element | Field Value | Frequency |
|---|---|---|
| **Support Systems Required** Determines whether use of student support systems is an expectation | Not Mentioned | 14% |
| | Required | 41% |
| | Encouraged | 0% |
| | If Needed | 45% |
| | Not Needed | 0% |
| **Support Personnel People** Identifies the types of people who act as required student supports. | Parent | 0% |
| | Online Counselor | 23% |
| | Home Counselor | 41% |
| | Not Applicable | 59% |
| **Support Personnel Means** Identifies the types of required student supports. | Phone | 0% |
| | Email | 0% |
| | Face-to-Face | 23% |
| | Not Applicable | 77% |
| **Context Sensitive Help** Identifies whether context sensitive content help is available | Yes | 27% |
| | No | 73% |