# Media Technologies/Web Technology Concentration

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CREDIT HOURS</th>
<th>TERM COMPLETED</th>
<th>GRADE</th>
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<tbody>
<tr>
<td><strong>Semester I (Fall)</strong></td>
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<tr>
<td>ENGL 1010 English Composition I</td>
<td>3</td>
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<tr>
<td>HUM/FA¹ Humanities/Fine Arts Elective</td>
<td>3</td>
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<tr>
<td>MDT² Introductory Media Technologies Elective</td>
<td>3</td>
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<tr>
<td>MDT 1950 Design for Digital Screens</td>
<td>3</td>
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<tr>
<td>WEB 1600 Web Design I: Introduction to Web Technology</td>
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<td><strong>Semester II (Spring)</strong></td>
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<tr>
<td>GEN ED³ General Education Elective</td>
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<tr>
<td>MATH/NS¹ Mathematics/Natural Sciences Elective</td>
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<td>MDT⁴ Media Technologies Elective</td>
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<tr>
<td>MDT 2100 Photoshop Essentials</td>
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<td>WEB 2010 Web Design II: Design Fundamentals</td>
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<td><strong>Semester III (Fall)</strong></td>
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<tr>
<td>WEB 2000 Dreamweaver/Fireworks</td>
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<td>WEB 2150 HTML5 Multimedia</td>
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<td>WEB 2220 E-Commerce</td>
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<td>WEB 2300 JavaScript</td>
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<td>WEB 2603 Server-side Web Development (PHP/ASP)</td>
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<td><strong>Semester IV (Spring)</strong></td>
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<td>MDT⁴ Media Technologies Elective</td>
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<td>MDT 2998 Media Technologies Internship</td>
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<td>SBS¹ Social/Behavioral Sciences Elective</td>
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<td>WEB 2400 Web Project Management</td>
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<td>WEB 2812 Web Design III: Advanced Site Design</td>
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<td>WEB 2902 Web Team Practicum</td>
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**Total Credit Hours Needed for Graduation:** 60

¹HUM/FA / MATH/NS / SBS
See the list of General Education electives below. Web Technology students are strongly encouraged to take either ARTH 2010 or ARTH 2020 as a Humanities/Fine Arts elective.

²MDT
Elective to be chosen from CGT 1030, CGT 1950, PHO 1000, VPT 1015, VPT 1030, or VPT 1045.

³GEN ED
Elective to be chosen from one unduplicated course in the categories of Communication, Humanities/Fine Arts, Mathematics/Natural Sciences or Social/Behavioral Sciences. See the list of General Education electives below.

⁴MDT
Electives to be chosen, based on students' career goals, from any CGT, MDT, PHO, VPT, or WEB course that is not a requirement of the Web curriculum. Electives must be approved by the student's advisor or the program coordinator. Some courses may require prerequisites.

**NOTE:** Students planning to pursue careers in a Web application developer field need the following electives in the order listed: CSIT 1810 and WEB 2603.
# 2015-2016 General Education Electives for A.A.S. Degrees

## Communication
- **ENGL 1010** - English Composition I ♦ ★
- **ENGL 1020** - English Composition II ♦ ★
- **SPCH 2100** - Public Speaking ♦ ★

## Humanities/Fine Arts
- **ARTH 2010** - Survey of Art History I ♦ ★
- **ARTH 2020** - Survey of Art History II ♦ ★
- **ENGL 2110** - Early American Literature ♦ ★
- **ENGL 2120** - Modern American Literature ♦ ★
- **ENGL 2210** - British Literature: 650-1784 ♦ ★
- **ENGL 2220** - British Literature: 1785-Present ♦ ★
- **ENGL 2310** - World Literature: 2500 BCE-1650 ♦ ★
- **ENGL 2320** - World Literature: 1650-Present ♦ ★
- **ENGL 2331** - African-American Literature ♦ ★
- **ENGL 2510** - Introduction to Poetry ♦ ★
- **ENGL 2520** - Introduction to Drama ♦ ★
- **ENGL 2530** - Introduction to Fiction ♦ ★
- **ENGL 2810** - Introduction to Film Studies ♦ ★
- **ENGL 2810** will fulfill a humanities elective but not the literature elective.
- **MUS 1030** - Music Appreciation ♦ ★
- **PHIL 1030** - Introduction to Philosophy ♦ ★
- **PHIL 1500** - Philosophy & Film ♦
- **PHIL 2010** - Survey of World Religions ♦ ★
- **PHIL 2400** - Introduction to Ethics ♦ ★
- **PHO 1200** - History of Photography ♦
- **THEA 1030** - Introduction to Theatre ♦ ★

## Mathematics
- **MATH 1010** - Survey of Mathematics ♦ ★
- **MATH 1130** - College Algebra ♦ ★
- **MATH 1530** - Elementary Probability & Statistics ♦ ★
- **MATH 1630** - Finite Mathematics ♦ ★
- **MATH 1710** - Precalculus Algebra ♦ ★
- **MATH 1720** - Precalculus Trigonometry ♦ ★
- **MATH 1730** - Precalculus ♦ ★
- **MATH 1830** - Basic Calculus & Modeling ♦ ★
- **MATH 1910** - Calculus I ♦ ★

## Natural Sciences
- **BIOL 1110** - General Biology I ♦ ★
- **BIOL 1120** - General Biology II ♦ ★
- **BIOL 1310** - Concepts of Biology ♦
- **BIOL 2010** - Human Anatomy & Physiology I ♦ ★
- **BIOL 2020** - Human Anatomy & Physiology II ♦ ★
- **BOT 1010** - Fundamentals of Botany I ♦ ★
- **BOT 1020** - Fundamentals of Botany II ♦ ★
- **CHEM 1010** - Principles of Chemistry ♦ ★
- **CHEM 1020** - Basic Organic & Biochemistry ♦ ★
- **CHEM 1110** - General Chemistry I ♦ ★
- **CHEM 1120** - General Chemistry II ♦ ★
- **CHEM 1310** - Concepts of Chemistry ♦
- **GEOL 1040** - Physical Geology ♦ ★
- **GEOL 1050** - Historical Geology ♦ ★
- **GEOL 1300** - The Environment W/Lab ♦ ★
- **GEOL 1310** - Concepts of Earth Science ♦
- **PHYS 1300** - Concepts of Physics ♦
- **PHYS 2010** - Noncalculus Based Physics I ♦ ★
- **PHYS 2020** - Noncalculus Based Physics II ♦ ★
- **PHYS 2110** - Calculus Based Physics I ♦ ★
- **PHYS 2120** - Calculus Based Physics II ♦ ★

## Social/Behavioral Sciences
- **ANT 1300** - Cultural Anthropology ♦ ★
- **ECON 2010** - Macroeconomics ♦ ★
- **ECON 2020** - Microeconomics ♦ ★
- **GEOG 1000** - Introduction to Geography ♦
- **HIST 2040** - African-American Studies ♦ ★
- **PHED 1100** - Concepts of Wellness ♦
- **POLS 1020** - Introduction to Political Science ♦ ★
- **POLS 1030** - American Government ♦ ★
- **PSYC 1030** - General Psychology ♦ ★
- **PSYC 2100** - Psychology of Human Development ♦ ★
- **PSYC 2130** - Lifespan Psychology ♦ ★
- **SOCI 1010** - Introduction to Sociology ♦ ★
- **SOCI 1020** - Social Problems ♦ ★
- **WMN 2200** - Women in Society ♦ ★

♦ This is a General Education course transferable within the Tennessee Board of Regents system.
★ This course is directly equivalent to a course at the University of Tennessee, Knoxville.