

## CompuScholar, Inc.

### Alignment to the Mississippi Curriculum Standards "Information and Communication Technology II"

#### Mississippi Standards Information:

|                 |  |
|-----------------|--|
| CS Page         | <a href="#">Mississippi Computer Science Education Page</a>            |
| Standards Link: | <a href="#">Information and Communication Technology II [2014].doc</a> |

#### Relevant CompuScholar Courses:

|               |  |
|---------------|--|
| Course Title: | <b>Digital Savvy</b> , ISBN 978-0-9887070-8-5<br><a href="#">Course Description and Syllabus</a> |
| Course Title: | <b>Web Design</b> , ISBN 978-0-9887070-3-0<br><a href="#">Course Description and Syllabus</a>    |

Mississippi's ICT II standards cover a mixture of topics over 9 units. In most cases, CompuScholar's Digital Savvy course can be used as a primary resource. Our Web Design course may be used to explore HTML and web design topics in more depth, if desired.

#### Mississippi "Information and Communication Technology II" Standards

| Unit 1: Orientation, Ethics, and Keyboarding (15 hrs)   | COMPUSCHOLAR ALIGNMENT   |
|---|--|
| 1. Identify school policies, program policies, and safety procedures related to Information and Communication Technology II (ICT II). | Digital Savvy  |
| 2. Identify ethical issues related to technology and the workplace.   | Digital Savvy  |
| 3. Perform keyboarding applications.  | Digital Savvy  |
| 4. Discover career opportunities within the Law, Public Safety, Corrections, & Security career cluster                                | All CompuScholar courses contain relevant career exploration opportunities |
| 5. Interact with teachers, peers, and course material using a learning management system.   | All CompuScholar courses are delivered with an online LMS.                 |

| Unit 2: Lab Management and Networking (10 hrs)                                     | COMPUSCHOLAR ALIGNMENT   |
|--|--|
| 1. Discover career opportunities within the Information Technology career cluster. | All CompuScholar courses contain relevant career exploration opportunities |
| 2. Explain basic network components.   | Digital Savvy  |
| 3. Demonstrate network design and management                                       | Digital Savvy  |

| <b>Unit 3: Financial Literacy (15 hrs)</b>  | <b>COMPUSCHOLAR ALIGNMENT</b>   |
|---|---|
| 1. Discover career opportunities within the Finance career cluster.                           | CompuScholar courses do not cover Financial Literacy topics. We recommend using external resources as needed. |
| 2. Apply reliable information and systematic decision making to personal financial decisions. |   |
| 3. Use a career plan to develop personal income potential.                                    |   |
| 4. Organize personal finances and use a budget to manage cash flow.                           |   |

| <b>Unit 4: Spreadsheet Applications (15 hrs)</b>  | <b>COMPUSCHOLAR ALIGNMENT</b>                    |
|---|--|
| 1. Investigate spreadsheet applications in the context of the Human Services career cluster.                | Digital Savvy (excluding specific cluster focus) |
| 2. Discover the purposes of spreadsheet applications.   | Digital Savvy                                    |
| 3. Perform spreadsheet applications in the context of the Human Services career cluster.                    | Digital Savvy                                    |
| 4. Develop and interpret spreadsheet tables, charts, and figures to support written and oral Communication. | Digital Savvy                                    |

| <b>Unit 5: Database Applications (15 hrs)</b>                              | <b>COMPUSCHOLAR ALIGNMENT</b>                    |
|--|--|
| 1. Discover career opportunities within the Health Science career cluster. | Digital Savvy (excluding specific cluster focus) |
| 2. Discover the purposes of database applications.                         | Digital Savvy                                    |
| 3. Perform database applications.  | Digital Savvy                                    |
| 4. Perform advanced database applications.                                 | Digital Savvy                                    |

| <b>Unit 6: Design Applications (15 hrs)</b>  | <b>COMPUSCHOLAR ALIGNMENT</b>  |
|--|--|
| 1. Discover career opportunities within the Science, Technology, Engineering and Mathematics; Transportation, Distribution and Logistics; and Architecture and Construction career clusters. | All CompuScholar courses contain relevant career exploration opportunities   |
| 2. Discover the purposes of design applications.   | CompuScholar courses do not cover Computer Aided Design (CAD) topics. We recommend using external resources as needed. |
| 3. Perform design applications   |  |
| 4. Create advanced design applications.  |  |

| <b>Unit 7: Graphics Design Applications (20 hrs)</b>  | <b>COMPUSCHOLAR ALIGNMENT</b>  |
|---|--|
| 1. Discover career opportunities within the Arts, A/V Technology, & Communications and the Marketing career clusters. | All CompuScholar courses contain relevant career exploration opportunities |
| 2. Discover the purposes of graphic design applications.  | Digital Savvy (Image Editing & Presentation Software)                      |
| 3. Perform graphic design applications.   | Digital Savvy (Image Editing & Presentation Software)                      |
| 4. Generate and manipulate graphics in common graphic design applications   | Digital Savvy (Image Editing & Presentation Software)                      |

| <b>Unit 8: Web Design Applications (20 hrs)</b>  | <b>COMPUSCHOLAR ALIGNMENT</b>  |
|--|--|
| 1. Discover career opportunities within the Agriculture, Food, and Natural Resources and Manufacturing career clusters | All CompuScholar courses contain relevant career exploration opportunities |
| 2. Discover the purposes of web design applications.   | Digital Savvy<br>Web Design (if more depth desired)                        |
| 3. Perform basic web design applications using the HTML programming language.  | Digital Savvy<br>Web Design (if more depth desired)                        |
| 4. Perform advanced web design applications.   | Digital Savvy<br>Web Design (if more depth desired)                        |
| 5. Design and create a web page.   | Digital Savvy<br>Web Design (if more depth desired)                        |

| <b>Unit 9: Career Preparation (10 hrs)</b>                      | <b>COMPUSCHOLAR ALIGNMENT</b> |
|---|-------------------------------|
| 1. Complete interest profiler and career exploration exercises. | Digital Savvy                 |
| 2. Complete a career plan builder.                              | Digital Savvy                 |
| 3. Develop an individual career and academic plan (iCAP).       | N/A                           |
| 4. Complete a scholarship finder exercise.                      | N/A                           |