

**DESE Model Curriculum: Computer Applications** (CIP Code: 11.0103)  
 GRADE LEVEL/UNIT TITLE: 11-12/Explore the Internet and Online Classroom Portals

| <b>COURSE INTRODUCTION</b>  |                                |            |
|---|--------------------------------|------------|
| <p>This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications.</p> <p>Course rationale: This area of instruction provides content for knowledge and skills required in the technology based workplace. The demand will continue to expand for individuals to use computer hardware and software to create documents, gather information, and solve problems. This class is vital for students planning to enter the workforce or postsecondary education.</p> |                                |            |
| <b>UNIT DESCRIPTION</b>   | <b>SUGGESTED UNIT TIMELINE</b> |            |
| Students will utilize the Internet as a valuable resource tool.   | Ongoing                        |            |
|   | <b>CLASS PERIOD (min.)</b>     |            |
|   | 50 min Class Periods           |            |
| <b>ESSENTIAL QUESTIONS</b>  |                                |            |
| <ol style="list-style-type: none"> <li>1. How can the Internet be used effectively?</li> <li>2. How can the Internet be used as a tool?</li> <li>3. How would our culture be different without the Internet?</li> </ol>   |                                |            |
| <b>ESSENTIAL MEASURABLE LEARNING OBJECTIVES</b>   | <b>NBEA STANDARD</b>           | <b>DOK</b> |
| 1. Demonstrate correct use of Internet terminology  | COMM.I.B.1.4                   | 2          |
| 2. Demonstrate principal usages of online communication (e.g., upload, download, attaching files)   | COMM.I.D.1.6<br>COMM.IV.3.2    | 2          |
| 3. Demonstrate principal usages of the Internet (e.g., search, locating URLs)   | COMM.IV.4.1<br>IT.VIII.1.1     | 2          |
| 4. Identify copyright principles (e.g., public domain, copy protection, licensing)  | COMM.IV.3.9<br>BL.V.C.3.7      | 3          |
| 5. Employ proper online etiquette   | COMM.IV.2.4<br>COMM.IV.2.7     | 2          |
| 6. Utilize browser tools (e.g., favorites, shortcuts, homepage, cookies, history)   | COMM.IV.1.4                    | 2          |
| 7. Utilize online productivity tools (e.g., cloud computing, Web 2.0, Google docs)  | COMM.IV.4.1                    | 2          |
| 8. Evaluate Internet resources  | IT.VIII.1.2                    | 4          |

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| <b>OBJ. #</b> | <b>INSTRUCTIONAL STRATEGIES</b>  |
|---------------|--|
| 1, 3          | 1. Explore website: <a href="http://LearntheNet.com">LearntheNet.com</a> that discusses Internet history, differences, researching, netiquette, etc. |
| 5             | 2. Explore website: <a href="http://NetSmartz.org">NetSmartz.org</a> and download activities under teacher resources.                                |
| 4             | 3. Review Copyright PowerPoint and Ethics PowerPoint   |
| <b>OBJ. #</b> | <b>INSTRUCTIONAL ACTIVITIES</b>  |
| 1, 3          | 1. Have students do <a href="http://LearntheNet.com">LearntheNet.com</a> activities  |
| 5             | 2. Have students do <a href="http://NetSmartz.org">NetSmartz.org</a> activities ( <a href="http://nsteens.org">nsteens.org</a> )                     |
| 4             | 3. Students take notes on copyright and ethics PowerPoints   |