**Career and Technical Education**

**Course Blueprint of Essential Standards**

**BUSINESS AND INFORMATION TECHNOLOGY**

COURSE BLUEPRINT OF ESSENTIAL STANDARDS for **BD10 MULTIMEDIA AND WEBPAGE DESIGN**

(Hours of instruction: 135-180)

| ES #  Obj # | Unit Titles/Essential Standards and Objective Statements  (The Learner will be able to:) | Local  Use | Course  Weight | RBT  Designation | Integrated Skill Areas | Core  Supp |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|  |  |  |  |  |  |  |
|  | **Total Course Weight** |  | **100%** |  |  |  |
|  |  |  |  |  |  |  |
| **A** | **MULTIMEDIA AND GRAPHIC DESIGN** |  |  |  |  |  |
| **1.00** | **Understand design.** |  | **20%** | **B2** | **CS, A** |  |
| 1.01 | Understand typography, multiuse design principles and elements. |  | 10% | B2 | CS, A |  |
| 1.02 | Understand digital communication products. |  | 10% | B2 | CS, A |  |
|  |  |  |  |  |  |  |
| **2.00** | **Understand digital image design.** |  | **30%** | **B2** | **CS, A, M** |  |
| 2.01 | Understand digital raster graphics. |  | 20% | B2 | CS, A, M |  |
| 2.02 | Understand digital vector graphics. |  | 10% | B2 | CS, A |  |
|  |  |  |  |  |  |  |
| **B** | **INTERACTIVE WEBSITE DESIGN AND DEVELOPMENT** |  |  |  |  |  |
| **3.00** | **Understand time based media.** |  | **22%** | **B2** | **CS, A, M** |  |
| 3.01 | Understand principles of audio and video. |  | 14% | B2 | CS, A |  |
| 3.02 | Understand basic motion graphic programming. |  | 8% | B2 | CS, A, M |  |
|  |  |  |  |  |  |  |
| **4.00** | **Understand the fundamentals of web design.** |  | **28%** | **B2** | **CS, A, M** |  |
| 4.01 | Understand the fundamentals of HTML5 and CSS. |  | 18% | B2 | CS, A, M |  |
| 4.02 | Understand the concepts of responsive web design. |  | 10% | B2 | CS, A, M |  |