

## PROGRAMS

### INFORMATION TECHNOLOGY - DIGITAL MEDIA PRODUCTION (A25590DM)

The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum.

Course work includes development of a student's ability to create, store, communicate, exchange and use information to solve technical issues related to information support and services, interactive media, network systems, programming and software development, information security and other emerging technologies based on the selected area of study.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams.

#### Associate in Applied Science Degree Program

|  |  | Course Hours Per Week |           | Semester Hours |
|--|--|-----------------------|-----------|----------------|
| First Semester (Fall)                  |  | Class                 | Lab       | Credit         |
| ACA-115                                | Success & Study Skills   | 0                     | 2         | 1              |
| CIS-110                                | Introduction to Computers  | 2                     | 2         | 3              |
| CIS-115                                | Intro to Prog & Logic  | 2                     | 3         | 3              |
| CTI-120                                | Network & Sec Foundation   | 2                     | 2         | 3              |
| DME-110                                | Intro to Digital Media   | 2                     | 2         | 3              |
| ENG-111                                | Writing and Inquiry  | 3                     | 0         | 3              |
| <b>Credit Hours</b>                    |  | <b>11</b>             | <b>11</b> | <b>16</b>      |
| Second Semester (Spring)               |  |                       |           |                |
| CET-111                                | Computer Upgrade/Repair I  | 2                     | 3         | 3              |
| CTI-110                                | Web, Pgm, & Db Foundation  | 2                     | 2         | 3              |
| CTS-115                                | Info Sys Business Concepts   | 3                     | 0         | 3              |
| ENG-112 or<br>ENG-114<br>or<br>COM-231 | Writing/Research in the Disc or<br>Prof Research & Reporting or<br>Public Speaking | 3                     | 0         | 3              |
| MAT***                                 | MAT-121 or MAT-143 or MAT-171  | 2-3                   | 2         | 3-4            |
| <b>Credit Hours</b>                    |  | <b>12-13</b>          | <b>7</b>  | <b>15-16</b>   |
| Third Semester (Summer)                |  |                       |           |                |

|         |                                     | Course Hours Per Week |          | Semester Hours |
|---------|-------------------------------------|-----------------------|----------|----------------|
| DME-115 | Graphic Design Tools                | 2                     | 2        | 3              |
| DME-120 | Intro to Multimedia Appl            | 2                     | 2        | 3              |
| ***     | Social/Behavioral Sciences Elective | 3                     | 0        | 3              |
|         | <b>Credit Hours</b>                 | <b>7</b>              | <b>4</b> | <b>9</b>       |

#### Fourth Semester (Fall)

|         |                               |           |           |           |
|---------|-------------------------------|-----------|-----------|-----------|
| DME-130 | Digital Animation I           | 2         | 2         | 3         |
| GRA-151 | Computer Graphics I           | 1         | 3         | 2         |
| WEB-140 | Web Development Tools         | 2         | 3         | 3         |
| WEB-210 | Web Design                    | 2         | 3         | 3         |
| ***     | Humanities/Fine Arts Elective | 3         | 0         | 3         |
|         | <b>Credit Hours</b>           | <b>10</b> | <b>11</b> | <b>14</b> |

#### Fifth Semester (Spring)

|         |                        |            |              |           |
|---------|------------------------|------------|--------------|-----------|
| DME-285 | Systems Project        | 2          | 2            | 3         |
| WEB-214 | Social Media           | 2          | 3            | 3         |
| WEB-225 | Content Management Sys | 2          | 3            | 3         |
| ***     | Technical Elective     | 0-2        | 2-30         | 3         |
|         | <b>Credit Hours</b>    | <b>6-8</b> | <b>10-38</b> | <b>12</b> |

Total Required Minimum Semester Hours Credit 66

Technical Electives: Please select one course from the following.

|         | Class                    | Lab | Credit |
|---------|--------------------------|-----|--------|
| DME-215 | Adv Graphic Design Tools | 2   | 3      |
| GRD-167 | Photographic Imaging I   | 1   | 4      |
| WEB-115 | Web Markup and Scripting | 2   | 3      |
| WEB-182 | PHP Programming          | 2   | 3      |

If you choose WBL as one Technical Elective, you must complete 3 Credit Hours from the classes below.

|          |                               |   |    |   |
|----------|-------------------------------|---|----|---|
| WBL-111I | Work-Based Learning I         | 0 | 10 | 1 |
| WBL-112I | Work-Based Learning I         | 0 | 20 | 2 |
| WBL-113I | Work-Based Learning I         | 0 | 30 | 3 |
| WBL-115I | Work-Based Learning Seminar I | 1 | 0  | 1 |
| WBL-121I | Work-Based Learning II        | 0 | 10 | 1 |
| WBL-122I | Work-Based Learning II        | 0 | 20 | 2 |

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**Professor Jackie Babb, Digital Media Production Coordinator**

207 Little Hall

910.695.3802

[babbj@sandhills.edu](mailto:babbj@sandhills.edu)