COMPUTER SCIENCE AND INFORMATION SYSTEMS
DIGITAL WEB AND MOBILE DEVELOPMENT (AS.DWMD)

ASSOCIATE OF SCIENCE

Program Outcomes: Upon successful completion of this program a student will be able to:
- anticipate, identify and solve technical and design issues by applying current design standards
- apply knowledge in a variety of computer proficiency areas including web languages, software applications, file transfer protocol, and web and app configuration.

Required Major Courses (14 units)

☐	BUS-32 – Introduction to Business	3.0
☐	CSS-25 – Multimedia Integration	3.0
☐	CSS-27 – Project Management using Microsoft Project	4.0
☐	CSS-64 – HTML 5 and CSS3 – Web Development	4.0

Major Electives A (Complete 8 units)

☐	CSS-26 – Dreamweaver	4.0
☐	CSS-74 – Wordpress for Websites	4.0
☐	CSS-76 – Android App Development Using Java	4.0
☐	CSS-86 – Flash Design	4.0

Major Electives B (Complete an additional 8 units)

☐	CSS-29 – Programming for Multimedia	4.0
☐	CSS-76 – Android App Development Using Java	4.0
☐	CSS-65 – Introduction to IOS App Development	4.0
☐	CSS-78 – Mobile Game Design	4.0
☐	CSS-84 – Beginning Digital Cartooning in Flash	4.0

SUBTOTAL: 30 UNITS

General Education – Required Courses

Students must complete one of the following General Education Plans:

   HCCD GE *(see page 66)* MAT-123 or higher

   ☐ **Natural Sciences** ☐ **Social & Behavioral Sciences** ☐ **Humanities**
   ☐ **Ethnic Groups in the US** ☐ **Language and Rationality**

SUBTOTAL: 21 UNITS

Students can double-count required courses and courses for General Education

■ ***Electives (Courses Numbered 1-199) required when degree units plus GE units total fewer than 60.***

TOTAL: 60 UNITS