

# WEB DEVELOPMENT - ASSOCIATE IN SCIENCE

---

Plan Code: 2128

udeShts w illlearn relevan and turren we te ntl ies in ludin  
aSvSh ri S uetr and da a ase n e s ter t i st  
in lude ile we a li a i n d evel en rest nsive desi n  
a essi ili and user- en ered desi n is r ra is desi ned t  
re are s ude nts r te l en in e evel en related etids  
in ludin r a -end evel en and ta -end devel en t  
udeShts in etres ted into a el rs de ree ranster r ra s uid  
ee wi ta tunsel r distuss w is t ra ull ariulates wit t  
erst is

## Program Student Learning Outcomes

e ns ra e t eta tili at a in tte nb i u i tntalt udeSht earbin  
u ds s S  
rea e wetsies te l in severalwe desi n is and  
r ra n



# FRONT END WEB DEVELOPER - CERTIFICATE OF ACHIEVEMENT

Code: 3384

## Program Student Learning Outcomes

1. Apply web design principles to create user-centered designs.  
2. Develop and maintain web applications using HTML, CSS, and JavaScript.  
3. Collaborate with team members to create and launch web projects.

## Program Requirements

Code Number	Course Title	Units
REQUIRED COURSES		
Total Units		19

dsi: i i

# PHP WEB PROGRAMMER - CERTIFICATE OF ACHIEVEMENT

---

**Plan Code: 3138**

This program provides students with entry-level back-end web programming skills to build data driven website applications using HTML, CSS, PHP, and SQL languages.

## Program Student Learning Outcomes

- Design, run, and analyze new and existing SQL programs according to commonly practiced industry standards.

## Program Requirements

<b>Code Number</b>	<b>Course Title</b>	<b>Units</b>
COSP 38	Database Concepts	4
COSW 10	Beginning Website Development	4
COSW 30	Web Development with PHP/MySQL	4
COSW 200	Introduction to JavaScript	4
<b>Total Units</b>		<b>16</b>

