

WEB DEVELOPMENT, PROFICIENCY AWARD

Web Development Proficiency Award is designed for students who want to gain knowledge of both client and sever development. The award offers students to learn about creating interactive web pages that interact with server code (in PHP) to provide users with dynamic content. The award also covers important security and ethical concerns developers must take into consideration when writing client/server code.

Web Development Proficiency Award is designed for students who want to gain knowledge of both client and sever development. The award offers students to learn about creating interactive web pages that interact with server code (in PHP) to provide users with dynamic content. The award also covers important security and ethical concerns developers must take into consideration when writing client/server code.

| Course ID | Title | Units/ Hours |
|-----------|-------|-----------------|
|-----------|-------|-----------------|

To obtain the Proficiency Award in Web Development, students must complete the following courses:

| | | |
|--------------------|---|----------|
| CS M15W | Client-Side Web Development Using HTML/JavaScript | 3 |
| CS M16PH | Server-Side Development using PHP | 3 |
| Total Units | | 6 |

Year 1

| Fall Semester | | Units/Hours |
|--------------------------|---|-------------|
| CS M15W | Client-Side Web Development Using HTML/JavaScript | 3 |
| Units/Hours | | 3 |
| Spring Semester | | |
| CS M16PH | Server-Side Development using PHP | 3 |
| Units/Hours | | 3 |
| Total Units/Hours | | 6 |

Upon successful completion of this program, students will be able to:

- create server-side code to retrieve and return data from databases.
- evaluate different data retrieval methods running on the server.
- apply proper SQL and HTML code to generate dynamic content.
- explain the different tiers a program consists.