Dynamic Web Development teaches database-backed web application development using PHP and MySQL. Students will understand web servers, learn how to create PHP documents, learn how to utilize various functions in PHP for user-friendly websites, and learn how to make/update a database by SQL through PHP application on the Web. Special emphasis will be placed on database connectivity and application development on the Internet. Upon the completion of the course, students will be able to implement useful and usable web sites with the full power of PHP, implement databases on the web via PHP/MySQL, and integrate PHP with other web features such as HTML forms, Javascript, and XML.

The learning objectives include:

1. Understand web servers
2. Learn how to create PHP documents
3. Learn how to utilize various functions in PHP for user-friendly web systems.
4. Learn database operations through PHP code on the Web