

## WEBD2140 - Web Applications II

Credits:	3 (1/2/0)
Description:	Web applications are comprehensive websites that utilize multiple client and server-side tools and technologies. Students will use the knowledge learned in previous classes to develop server-side programs used to create and manipulate Web applications, files, email, and databases. Students will utilize project-planning skills and problem-solving techniques to design and develop effective applications.
Prerequisites:	<ul style="list-style-type: none"> <li>• WEBD1150</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Utilize project planning methodologies.</li> <li>2. Utilize problem-solving techniques across multiple server-side tools.</li> <li>3. Analyze advanced coding techniques with PHP and MySQL.</li> <li>4. Analyze and apply appropriate server-side application development tools.</li> <li>5. Understand and develop Perl-Compatible Regular Expressions.</li> <li>6. Utilize PHP and MySQL to process forms, manipulate files, and process email.</li> <li>7. Utilize PHP and MySQL to manage users and sessions.</li> <li>8. Troubleshoot programming errors using effective error-handling methodologies.</li> <li>9. Develop dynamic web applications using server-side and client-side technologies.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.