

## WEBD2040 - Web Applications I

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 client-side code used to create and manipulate Web applications. Students will utilize project-planning skills and problem-solving techniques to design and develop effective applications. The use of new technologies used to create rich Internet applications and frameworks will also be discussed.
Prerequisites:	<ul style="list-style-type: none"> <li>• WEBD1140</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 client-side tools.</li> <li>3. Analyze advanced coding techniques with HTML, Cascading Style Sheets (CSS), and JavaScript libraries.</li> <li>4. Apply appropriate usage of application development tools.</li> <li>5. Analyze rich Internet technologies.</li> <li>6. Differentiate between available frameworks.</li> <li>7. Utilize JavaScript libraries and frameworks.</li> <li>8. Troubleshoot scripting errors.</li> <li>9. Develop dynamic web applications using client-side technologies.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.