

**CSE 310 – Applied Programming**  
**W01-Prove: Create Course Plan**

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- After looking at the Module Description document in I-Learn, select five modules that you want to complete during this course. You cannot repeat a module. You will be responsible for learning the material and creating software to demonstrate what you learned. You can change your mind later in the course based on your experiences. You should not select a module that you have already used before. Mark only one “X” in each of the five columns.

<b>Modules</b>	<b>Module #1</b>	<b>Module #2</b>	<b>Module #3</b>	<b>Module #4</b>	<b>Module #5</b>
Cloud Databases				X	
Data Analysis					
Game Framework					
GIS Mapping					
Mobile App					X
Networking		X			
SQL Relational Databases					
Web Apps					
Language – C++	X				
Language – Java					
Language – Kotlin					
Language – Erlang					
Language – Rust					
Choose Your Own Adventure			X		

Please note that the “Choose Your Own Adventure” cannot be done during Module #1 or #2. Please refer to the Module Description document in I-Learn for more information.

- Complete the following learning skill survey:

<b>Learning Skill</b>	<b>Ranking – Answer 1 to 3 where 1 = I don't do this 2 = I do this sometimes 3 = I do this frequently</b>
<b>RESEARCH</b>	
<b>I use multiple sources of information.</b>	<b>3</b>
<b>I document what I am learning.</b>	<b>2</b>
<b>I prepare well thought out questions.</b>	<b>3</b>
<b>I use the scientific method (research, hypothesis, experiment, and conclusion) to solve computing problems.</b>	<b>1</b>
<b>I share what I am learning with others (i.e. collaboration).</b>	<b>2</b>
<b>TIME MANAGEMENT</b>	
<b>I manage my time between all my responsibilities.</b>	<b>3</b>
<b>I effectively estimate task duration for assignments and projects based on my previous performance.</b>	<b>3</b>
<b>I create a schedule for all assignments and projects.</b>	<b>2</b>
<b>RISK MANAGEMENT</b>	
<b>I always start with identifying what I do not know.</b>	<b>1</b>
<b>I effectively identify what could fail based on my previous experiences.</b>	<b>2</b>
<b>I create mitigation plans for risks related to missing knowledge or potential failures.</b>	<b>1</b>
<b>CONTINUOUS IMPROVEMENT</b>	
<b>I honestly identify the mistakes I have made in my work.</b>	<b>3</b>
<b>I develop improvement plans to support future assignments and projects.</b>	<b>2</b>
<b>I am driven by a vision of who I can become by the creation of goals.</b>	<b>2</b>

- Based on your responses in the survey above, identify a plan to improve one behavior starting at the beginning of this course.

I realized in the survey that I really do not take the time to identify what I know and what can fail. I just kind of jump into projects without thinking. I want to start my projects by quickly identifying what I already know what to do and where to begin. After identifying this, I want to

separate the things that I am unsure of or am worried will fail. Then, one at a time, I am going to tackle each of those problems.