

Name: Robert Lefrandt		Grading Quarter: 1	Week Beginning: 01/15/2024
School Year: 2023-24		Subject: Software & App Design	
Monday	Notes:	01/08/2024 Software & App Design – No Class	
		Objective:	
		Lesson Overview:	
		Software & App Design – No Class	
		Academic Standards:	

Tuesday	<p>Notes:</p> <p>PCEP™ – Certified Entry-Level Python Programmer (Exam PCEP-30-0x)</p> <p>PCEP™ – Certified Entry-Level Python Programmer certification shows that the individual is familiar with universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.</p> <p>pythoninstitute.org/pcep</p> <p>Certified Internet Web (CIW) JavaScript Specialist</p>	<p>01/16/2024 -</p> <p>Objective:</p> <p>Students will:</p> <ul style="list-style-type: none"> continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications. Understand the front and backend of a web-stack Start with front-end: HTML and CSS using freecodecamp <p>Lesson Overview:</p> <ul style="list-style-type: none"> Look at Arizona State Standards Software & App Design: Define what is. Resources <ul style="list-style-type: none"> w3schools stackoverflow pythontutor Learning Management System (LMS) – Student Accounts Login <ul style="list-style-type: none"> FreeCodeCamp – WebStack TechSmart - Python <p>Software and App Design - 11.0202.00</p> <p><u>Arizona Department of Education Website:</u> Program Description/Industry Credentials/Coherent Sequence/ www.azed.gov/cte/sd/</p> <p>***</p>	<p>Academic Standards:</p> <p>Arizona CTE: Software & App Design 11.0202.00 Technical Standards www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf</p> <p><u>Equipment List</u> www.azed.gov/sites/default/files/2021/06/EquipmentList_SoftwareAndAppDesign.pdf</p> <p>Professional Skills Standards & Rubrics www.azed.gov/cte/profskills/</p> <ol style="list-style-type: none"> 1. Communication 2. Collaboration / Teaming Abilities 3. Thinking and Innovation / Problem Solving 4. Professionalism / Formal Behavior 5. Initiative and Self-Direction / Leadership 6. Intergenerational and Cross-Cultural Competence / Acceptance and Inclusion 7. Organizational Culture / Values 8. Legal and Ethical Practices / Safety 9. Financial Practices <p>www.azed.gov/sites/default/files/2022/08/PrintablePreassessment.pdf</p>
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<p>Wednesday</p>	<p>Notes:</p> <p>PCEP™ – Certified Entry-Level Python Programmer (Exam PCEP-30-0x)</p> <p>PCEP™ – Certified Entry-Level Python Programmer certification shows that the individual is familiar with universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.</p> <p>pythoninstitute.org/pcep</p> <p>Certified Internet Web (CIW) JavaScript Specialist</p>	<p>01/17/2024 -</p> <p>Objective: Students will:</p> <ul style="list-style-type: none"> continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications. Understand the front and backend of a web-stack Start with front-end: HTML and CSS using freecodecamp <p>Lesson Overview:</p> <ul style="list-style-type: none"> Look at Arizona State Standards Software & App Design: Define what is. Resources <ul style="list-style-type: none"> w3schools stackoverflow pythontutor Learning Management System (LMS) – Student Accounts Login <ul style="list-style-type: none"> FreeCodeCamp – WebStack TechSmart - Python <p>Software and App Design - 11.0202.00</p> <p><u>Arizona Department of Education Website:</u> Program Description/Industry Credentials/Coherent Sequence/ www.azed.gov/cte/sd/</p> <p>***</p>	<p>Academic Standards:</p> <p>https://www.azed.gov/cte/profskills/</p>
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<p>Thursday</p>	<p>Notes:</p> <p>PCEP™ – Certified Entry-Level Python Programmer (Exam PCEP-30-0x)</p> <p>PCEP™ – Certified Entry-Level Python Programmer certification shows that the individual is familiar with universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.</p> <p>pythoninstitute.org/pcep</p> <p>Certified Internet Web (CIW) JavaScript Specialist</p>	<p>01/18/2024 -</p> <p>Objective: Students will:</p> <ul style="list-style-type: none"> • continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications. • Understand the front and backend of a web-stack • Start with front-end: HTML and CSS using freecodecamp <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Look at Arizona State Standards • Software & App Design: Define what is. • Resources <ul style="list-style-type: none"> • w3schools • stackoverflow • pythontutor • Learning Management System (LMS) – Student Accounts Login <ul style="list-style-type: none"> • FreeCodeCamp – WebStack • TechSmart - Python <p>Software and App Design - 11.0202.00</p> <p><u>Arizona Department of Education Website:</u> Program Description/Industry Credentials/Coherent Sequence/ www.azed.gov/cte/sd/</p> <p>***</p>	<p>Academic Standards:</p> <p>https://www.azed.gov/cte/profskills/</p>
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Friday	<p>Notes:</p> <p>PCEP™ – Certified Entry-Level Python Programmer (Exam PCEP-30-0x)</p> <p>PCEP™ – Certified Entry-Level Python Programmer certification shows that the individual is familiar with universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.</p> <p>pythoninstitute.org/pcep</p> <p>Certified Internet Web (CIW) JavaScript Specialist</p>	<p>01/19/2024 -</p> <p>Objective:</p> <p>Students will:</p> <ul style="list-style-type: none"> • continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications. • Understand the front and backend of a web-stack • Start with front-end: HTML and CSS using freecodecamp <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Look at Arizona State Standards • Software & App Design: Define what is. • Resources <ul style="list-style-type: none"> • w3schools • stackoverflow • pythontutor • Learning Management System (LMS) – Student Accounts Login <ul style="list-style-type: none"> • FreeCodeCamp – WebStack • TechSmart - Python <p>Software and App Design - 11.0202.00</p> <p><u>Arizona Department of Education Website:</u> Program Description/Industry Credentials/Coherent Sequence/ www.azed.gov/cte/sd/</p> <p>***</p>	<p>Academic Standards:</p> <p>https://www.azed.gov/cte/profskills/</p>
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