

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

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>01/09/2024 - 1st Day of Class</p> <p>Objective: Students will begin to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials/certifications.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Look at Arizona State Standards • Software & App Design: Define what is. • 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/ 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>01/10/2024 - 2nd Day of Class - <i>PreTest Wednesday or Thursday</i></p> <p>Objective: Students will continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials/certifications.</p> <p>Students will begin web design and development and python programming.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Look at Arizona State Standards • Software & App Design: Define what is. • Learning Management System (LMS) – Student Accounts Login <ul style="list-style-type: none"> • FreeCodeCamp - WebStack • <u>TechSmart – Python</u> <p>Arizona Department of Education Website:</p> <p>Program Description/Industry Credentials/Coherent Sequence/ www.azed.gov/cte/sd/</p> <p>***</p> <p>Arizona CTE: Software & App Design 11.0202.00 Technical Standards</p> <p>https://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><u>Professional Skills Standards & Rubrics</u> www.azed.gov/cte/profskills/</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>01/11/2024 - 3rd Day of Class - <i>PreTest Wednesday or Thursday</i></p> <p>Objective: Students will continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials/certifications.</p> <p>Students will begin web design and development and python programming.</p> <p>Lesson Overview: Learning Management System (LMS) – Student Accounts Login</p> <ul style="list-style-type: none"> • FreeCodeCamp – WebStack Resources: <ul style="list-style-type: none"> • w3schools.com • Stackoverflow.com • <u>TechSmart – Python</u> <p>Continuation Arizona CTE Software & App design Standards and Skills</p> <p>www.azed.gov/cte/sd/</p>	<p>Academic Standards:</p> <p>https://www.azed.gov/cte/profskills/</p>
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<p>Friday</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>01/12/2024 - 4th Day of Class</p> <p>Objective: Students will continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials/certifications.</p> <p>Students will begin web design and development and python programming.</p> <p>https://www.azed.gov/cte/sd/</p> <p>***</p> <p>Lesson Overview: Learning Management System (LMS) – Student Accounts Login</p> <ul style="list-style-type: none"> FreeCodeCamp – WebStack Resources: <ul style="list-style-type: none"> w3schools.com Stackoverflow.com <u>TechSmart – Python</u> 	<p>Academic Standards:</p> <p>https://www.azed.gov/cte/profskills/</p>
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