Name: Robert Lefrandt	Grading Quarter: 3	Week Beginning: Week 3 01/22/2024
School Year: 2023-24	Subject: Software & App Design	

	Notes:	01/22/2024 Software & App Design –	Academic Standards:
Monday	**PCEP™ – Certified Entry-Level Python Programmer** (Exam PCEP-30-0x) 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. **pythoninstitute.org/pcep** **Certified Internet Web (CIW) JavaScript Specialist**	Objective: Students will: - 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 - Begin TechSmart :CS Python Learning Management System (LMS) **Lesson Overview:** **Look at Arizona State Standards** - Software & App Design: Define what is. - Resources - w3schools - stackoverflow - pythontutor - Learning Management System (LMS) – Student Accounts Login - FreeCodeCamp – WebStack - TechSmart - Python **Software and App Design - 11.0202.00** <u>Arizona Department of Education Website:</u> Program Description/Industry Credentials/Coherent Sequence/ **www.azed.gov/cte/sd/** ***	

	Notes:	01/23/2024 -	Academic Standards:

Tuesday	**PCEP™ – Certified Entry-Level Python Programmer** (Exam PCEP-30-0x)
	
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		- Software & App Design: Define what is.
		- Resources
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		- Learning Management System (LMS) – Student Accounts Login
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		  - TechSmart - Python
		
		Software and App Design - 11.0202.00
		
		Arizona Department of Education Website:
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			Arizona CTE: Software & App Design 11.0202.00
			Technical Standards
			www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf
			
			Equipment List
			www.azed.gov/sites/default/files/2021/06/EquipmentList_SoftwareAndAppDesign.pdf
			
			Professional Skills Standards & Rubrics
			www.azed.gov/cte/profskills/
			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
			www.azed.gov/sites/default/files/2022/08/PrintablePreassessment.pdf

| Wednesday | Notes:

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Certified Internet Web (CIW) JavaScript Specialist | 01/24/2024 -

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Software and App Design - 11.0202.00

<u>Arizona Department of Education Website:</u>
Program Description/Industry Credentials/Coherent Sequence/
www.azed.gov/cte/sd/

*** | Academic Standards:

https://www.azed.gov/cte/profskills/ |

	Notes:	01/25/2024 -	Academic Standards:
Thursday	**PCEP™ – Certified Entry-Level Python Programmer** (Exam PCEP-30-0x) 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. **pythoninstitute.org/pcep** **Certified Internet Web (CIW) JavaScript Specialist**	Objective: Students will: - 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 - Begin TechSmart :CS Python Learning Management System (LMS) **Lesson Overview:** **Look at Arizona State Standards** - Software & App Design: Define what is. - Resources - w3schools - stackoverflow - pythontutor - Learning Management System (LMS) – Student Accounts Login - FreeCodeCamp – WebStack - TechSmart - Python **Software and App Design - 11.0202.00** <u>Arizona Department of Education Website:</u> Program Description/Industry Credentials/Coherent Sequence/ **www.azed.gov/cte/sd/** ***	https://www.azed.gov/cte/profskills/

	Notes:	01/26/2024 -	Academic Standards:
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