Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(a) General requirements. Students shall be awarded one credit for successful completion of this course. This course is recommended for students in Grades 9-12.				
(b) Introduction.				
(1) The technology applications curriculum has six strands based on the National Educational Technology Standards for Students (NETS•S) and performance indicators developed by the International Society for Technology in Education (ISTE): creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and Technology operations and concepts. This is an introductory course in web design. (2) Statements that contain the word "including" reference content that must be mastered, while those containing the phrase "such as" are intended as possible illustrative examples.				
(c) Knowledge and Skills.				
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(A) demonstrate proficiency in local and online collaboration	(i) demonstrate proficiency in local collaboration		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(A) demonstrate proficiency in local and online collaboration	(ii) demonstrate proficiency in online collaboration		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(B) create a website using web editors and web authoring programs	(i) create a website using web editors		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(B) create a website using web editors and web authoring programs	(ii) create a website using web authoring programs		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(C) evaluate the accessibility and usability of an original website as it relates to a target audience	(i) evaluate the accessibility of an original website as it relates to a target audience		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(C) evaluate the accessibility and usability of an original website as it relates to a target audience	(ii) evaluate the usability of an original website as it relates to a target audience		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(D) conceptualize new possible technologies based on current technical trends			

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(E) analyze the use of virtualization such as virtual classrooms, distance learning, virtual storage, and a virtual operating system	(i) analyze the use of virtualization		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(i) demonstrate knowledge of operating systems		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(ii) demonstrate knowledge of software applications		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(iii) demonstrate knowledge of communication components		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(iv) demonstrate knowledge of networking components		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(v) demonstrate appropriate use of operating systems		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(vi) demonstrate appropriate use of software applications		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(vii) demonstrate appropriate use of communication components		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(F) demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components	(viii) demonstrate appropriate use of networking components		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(i) make decisions regarding the selection of software taking into consideration its quality		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(ii) make decisions regarding the selection of software taking into consideration its appropriateness		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(iii) make decisions regarding the selection of software taking into consideration its effectiveness		

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(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(iv) make decisions regarding the selection of software taking into consideration its efficiency		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(v) make decisions regarding the acquisition of software taking into consideration its quality		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(vi) make decisions regarding the acquisition of software taking into consideration its appropriateness		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(vii) make decisions regarding the acquisition of software taking into consideration its effectiveness		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(viii) make decisions regarding the acquisition of software taking into consideration its efficiency		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(ix) make decisions regarding the use of software taking into consideration its quality		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(x) make decisions regarding the use of software taking into consideration its appropriateness		
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(xi) make decisions regarding the use of software taking into consideration its effectiveness		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(1) Creativity and innovation. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to:	(G) make decisions regarding the selection, acquisition, and use of software taking into consideration its quality, appropriateness, effectiveness, and efficiency	(xii) make decisions regarding the use of software taking into consideration its efficiency		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(A) analyze and implement the proper and acceptable use of digital/virtual communications technologies such as instant messaging (IM), chat, email, and social networking	(i) analyze the proper use of digital/virtual communications technologies		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(A) analyze and implement the proper and acceptable use of digital/virtual communications technologies such as instant messaging (IM), chat, email, and social networking	(ii) analyze the acceptable use of digital/virtual communications technologies		

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(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(A) analyze and implement the proper and acceptable use of digital/virtual communications technologies such as instant messaging (IM), chat, email, and social networking	(iii) implement the proper use of digital/virtual communications technologies		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(A) analyze and implement the proper and acceptable use of digital/virtual communications technologies such as instant messaging (IM), chat, email, and social networking	(iv) implement the acceptable use of digital/virtual communications technologies		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(i) define the acquisition of files taking into consideration their primary ownership		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(ii) define the sharing of files taking into consideration their primary ownership		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(iii) define the use of files taking into consideration their primary ownership		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(iv) define the acquisition of files taking into consideration their copyright		

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(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(v) define the sharing of files taking into consideration their copyright		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(vi) define the use of files taking into consideration their copyright		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(vii) implement the acquisition of files taking into consideration their primary ownership		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(viii) implement the sharing of files taking into consideration their primary ownership		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(ix) implement the use of files taking into consideration their primary ownership		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(x) implement the acquisition of files taking into consideration their copyright		

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(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(xi) implement the sharing of files taking into consideration their copyright		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(B) define and implement the acquisition, sharing, and use of files taking into consideration their primary ownership and copyright	(xii) implement the use of files taking into consideration their copyright		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(i) apply decisions regarding the selection of uniform resource locators (URLs) used in research, taking into consideration their quality		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(ii) apply decisions regarding the selection of uniform resource locators (URLs) used in research, taking into consideration their appropriateness		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(iii) apply decisions regarding the selection of uniform resource locators (URLs) used in research, taking into consideration their effectiveness		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(iv) apply decisions regarding the acquisition of uniform resource locators (URLs) used in research, taking into consideration their quality		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(v) apply decisions regarding the acquisition of uniform resource locators (URLs) used in research, taking into consideration their appropriateness		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(vi) apply decisions regarding the acquisition of uniform resource locators (URLs) used in research, taking into consideration their effectiveness		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(vii) apply decisions regarding the sharing of uniform resource locators (URLs) used in research, taking into consideration their quality		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(viii) apply decisions regarding the sharing of uniform resource locators (URLs) used in research, taking into consideration their appropriateness		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(C) apply decisions regarding the selection, acquisition, and sharing of uniform resource locators (URLs) used in research, taking into consideration their quality, appropriateness, and effectiveness	(ix) apply decisions regarding the sharing of uniform resource locators (URLs) used in research, taking into consideration their effectiveness		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(D) solve problems using critical-thinking strategies			

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(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(E) compare, evaluate, and implement the use of wired versus wireless access	(i) compare the use of wired versus wireless access		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(E) compare, evaluate, and implement the use of wired versus wireless access	(ii) evaluate the use of wired versus wireless access		
(2) Communication and collaboration. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning experience of others. The student is expected to:	(E) compare, evaluate, and implement the use of wired versus wireless access	(iii) implement the use of wired versus wireless access		

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(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(A) verify the accuracy, validity, and currency of acquired information	(i) verify the accuracy of acquired information		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(A) verify the accuracy, validity, and currency of acquired information	(ii) verify the validity of acquired information		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(A) verify the accuracy, validity, and currency of acquired information	(iii) verify the currency of acquired information		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(B) conduct effective searches with Boolean operators			
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(C) acquire and use appropriate vocabulary terms	(i) acquire appropriate vocabulary terms		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(C) acquire and use appropriate vocabulary terms	(ii) use appropriate vocabulary terms		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(D) cite sources appropriately using established methods			
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(E) model ethical and legal acquisition of digital information following guidelines in the student code of conduct, including plagiarism and copyright laws	(i) model ethical acquisition of digital information following guidelines in the student code of conduct, including plagiarism		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(E) model ethical and legal acquisition of digital information following guidelines in the student code of conduct, including plagiarism and copyright laws	(ii) model legal acquisition of digital information following guidelines in the student code of conduct, including plagiarism		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(E) model ethical and legal acquisition of digital information following guidelines in the student code of conduct, including plagiarism and copyright laws	(iii) model ethical acquisition of digital information following guidelines in the student code of conduct, including copyright laws		

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(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(E) model ethical and legal acquisition of digital information following guidelines in the student code of conduct, including plagiarism and copyright laws	(iv) model legal acquisition of digital information following guidelines in the student code of conduct, including copyright laws		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(F) identify and discuss emerging technologies and their impact	(i) identify emerging technologies		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(F) identify and discuss emerging technologies and their impact	(ii) discuss emerging technologies		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(F) identify and discuss emerging technologies and their impact	(iii) identify [emerging technologies] impact		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(F) identify and discuss emerging technologies and their impact	(iv) discuss [emerging technologies] impact		

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(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(G) understand Internet history and structure and how they impact current use	(i) understand Internet history		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(G) understand Internet history and structure and how they impact current use	(ii) understand Internet structure		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(G) understand Internet history and structure and how they impact current use	(iii) understand how [Internet history] impact current use		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(G) understand Internet history and structure and how they impact current use	(iv) understand how [Internet structure] impact current use		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(H) demonstrate appropriate use of grammar, spelling, and vocabulary when creating original work	(i) demonstrate appropriate use of grammar when creating original work		

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(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(H) demonstrate appropriate use of grammar, spelling, and vocabulary when creating original work	(ii) demonstrate appropriate use of spelling when creating original work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(H) demonstrate appropriate use of grammar, spelling, and vocabulary when creating original work	(iii) demonstrate appropriate use of vocabulary when creating original work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(I) acquire, evaluate, and use various web standards such as World Wide Web Consortium (W3C), Ecma International, and Internet Corporation for Assigned Names and Numbers (ICANN) to make informed decisions and implement standards in original work	(i) acquire various web standards to make informed decisions in original work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(I) acquire, evaluate, and use various web standards such as World Wide Web Consortium (W3C), Ecma International, and Internet Corporation for Assigned Names and Numbers (ICANN) to make informed decisions and implement standards in original work	(ii) evaluate various web standards to make informed decisions in original work		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(I) acquire, evaluate, and use various web standards such as World Wide Web Consortium (W3C), Ecma International, and Internet Corporation for Assigned Names and Numbers (ICANN) to make informed decisions and implement standards in original work	(iii) use various web standards to make informed decisions in original work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(I) acquire, evaluate, and use various web standards such as World Wide Web Consortium (W3C), Ecma International, and Internet Corporation for Assigned Names and Numbers (ICANN) to make informed decisions and implement standards in original work	(iv) acquire various web standards to implement standards in original work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(I) acquire, evaluate, and use various web standards such as World Wide Web Consortium (W3C), Ecma International, and Internet Corporation for Assigned Names and Numbers (ICANN) to make informed decisions and implement standards in original work	(v) evaluate various web standards to implement standards in original work		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(I) acquire, evaluate, and use various web standards such as World Wide Web Consortium (W3C), Ecma International, and Internet Corporation for Assigned Names and Numbers (ICANN) to make informed decisions and implement standards in original work	(vi) use various web standards to implement standards in original work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(J) understand, analyze, and use interactive websites	(i) understand interactive websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(J) understand, analyze, and use interactive websites	(ii) analyze interactive websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(J) understand, analyze, and use interactive websites	(iii) use interactive websites		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(K) understand, evaluate, and determine the appropriate use of dynamic and static websites	(i) understand the appropriate use of dynamic websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(K) understand, evaluate, and determine the appropriate use of dynamic and static websites	(ii) evaluate the appropriate use of dynamic websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(K) understand, evaluate, and determine the appropriate use of dynamic and static websites	(iii) determine the appropriate use of dynamic websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(K) understand, evaluate, and determine the appropriate use of dynamic and static websites	(iv) understand the appropriate use of static websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(K) understand, evaluate, and determine the appropriate use of dynamic and static websites	(v) evaluate the appropriate use of static websites		

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Course Title	**§126.47. Web Design (One Credit), Beginning with School Year 2012-2013**			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(K) understand, evaluate, and determine the appropriate use of dynamic and static websites	(vi) determine the appropriate use of static websites		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(L) understand, evaluate, and determine the appropriate use of open/closed source file formats and software	(i) understand the appropriate use of open/closed source file formats		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(L) understand, evaluate, and determine the appropriate use of open/closed source file formats and software	(ii) evaluate the appropriate use of open/closed source file formats		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(L) understand, evaluate, and determine the appropriate use of open/closed source file formats and software	(iii) determine the appropriate use of open/closed source file formats		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(L) understand, evaluate, and determine the appropriate use of open/closed source file formats and software	(iv) understand the appropriate use of open/closed source software		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(L) understand, evaluate, and determine the appropriate use of open/closed source file formats and software	(v) evaluate the appropriate use of open/closed source software		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(L) understand, evaluate, and determine the appropriate use of open/closed source file formats and software	(vi) determine the appropriate use of open/closed source software		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(M) explain and demonstrate how search engines work such as advanced options, preferences, advertising, and search categories	(i) explain how search engines work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(M) explain and demonstrate how search engines work such as advanced options, preferences, advertising, and search categories	(ii) demonstrate how search engines work		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(i) evaluate principles of project management, including web storyboards		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(ii) evaluate principles of project management, including site maps		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(iii) evaluate principles of project management, including job duties		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(iv) evaluate principles of project management, including time constraints		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(v) evaluate principles of project management, including group dynamics		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(vi) evaluate principles of project management, including communication interaction		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(vii) evaluate principles of project management, including project completion		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(viii) evaluate principles of project management, including project evaluation		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(ix) evaluate principles of project management, including project feedback		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(x) create principles of project management, including web storyboards		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xi) create principles of project management, including site maps		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xii) create principles of project management, including job duties		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xiii) create principles of project management, including time constraints		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xiv) create principles of project management, including group dynamics		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xv) create principles of project management, including communication interaction		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xvi) create principles of project management, including project completion		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xvii) create principles of project management, including project evaluation		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xviii) create principles of project management, including project feedback		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xix) apply principles of project management, including web storyboards		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xx) apply principles of project management, including site maps		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxi) apply principles of project management, including job duties		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxii) apply principles of project management, including time constraints		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxiii) apply principles of project management, including group dynamics		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxiv) apply principles of project management, including communication interaction		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxv) apply principles of project management, including project completion		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxvi) apply principles of project management, including project evaluation		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(N) evaluate, create, and apply principles of project management, including web storyboards, site maps, job duties, time constraints, group dynamics, communication interaction, and project completion, evaluation, and feedback	(xxvii) apply principles of project management, including project feedback		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(O) understand the use and application of a virtual private network (VPN)	(i) understand the use of a virtual private network (VPN)		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(O) understand the use and application of a virtual private network (VPN)	(ii) understand the application of a virtual private network (VPN)		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(P) distinguish among protocols, including Hypertext Transfer Protocol (HTTP) and File Transfer Protocol (FTP)	(i) distinguish among protocols, including Hypertext Transfer Protocol (HTTP) and File Transfer Protocol (FTP)		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(Q) summarize the technical needs of a World Wide Web server, including random access memory (RAM), hard disk capacity, central processing unit (CPU) speed, busses, methods of connectivity, and appropriate software	(i) summarize the technical needs of a World Wide Web server, including random access memory (RAM)		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(Q) summarize the technical needs of a World Wide Web server, including random access memory (RAM), hard disk capacity, central processing unit (CPU) speed, busses, methods of connectivity, and appropriate software	(ii) summarize the technical needs of a World Wide Web server, including hard disk capacity		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(Q) summarize the technical needs of a World Wide Web server, including random access memory (RAM), hard disk capacity, central processing unit (CPU) speed, busses, methods of connectivity, and appropriate software	(iii) summarize the technical needs of a World Wide Web server, including central processing unit (CPU) speed		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(Q) summarize the technical needs of a World Wide Web server, including random access memory (RAM), hard disk capacity, central processing unit (CPU) speed, busses, methods of connectivity, and appropriate software	(iv) summarize the technical needs of a World Wide Web server, including busses		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(Q) summarize the technical needs of a World Wide Web server, including random access memory (RAM), hard disk capacity, central processing unit (CPU) speed, busses, methods of connectivity, and appropriate software	(v) summarize the technical needs of a World Wide Web server, including methods of connectivity		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(Q) summarize the technical needs of a World Wide Web server, including random access memory (RAM), hard disk capacity, central processing unit (CPU) speed, busses, methods of connectivity, and appropriate software	(vi) summarize the technical needs of a World Wide Web server, including appropriate software		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(R) demonstrate proficiency in the use of a variety of electronic input devices such as keyboard, scanner, voice/sound recorder, mouse, touch screen, or digital video by incorporating such components while publishing web pages	(i) demonstrate proficiency in the use of a variety of electronic input devices by incorporating such components while publishing web pages		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(S) demonstrate proper digital etiquette and knowledge of acceptable use policies when using networks, especially resources on the Internet and intranets	(i) demonstrate proper digital etiquette when using networks, especially resources on the Internet		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(S) demonstrate proper digital etiquette and knowledge of acceptable use policies when using networks, especially resources on the Internet and intranets	(ii) demonstrate proper knowledge of acceptable use policies when using networks, especially resources on the Internet		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(S) demonstrate proper digital etiquette and knowledge of acceptable use policies when using networks, especially resources on the Internet and intranets	(iii) demonstrate proper digital etiquette when using networks, especially resources on intranets		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(S) demonstrate proper digital etiquette and knowledge of acceptable use policies when using networks, especially resources on the Internet and intranets	(iv) demonstrate proper knowledge of acceptable use policies when using networks, especially resources on intranets		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(i) demonstrate proficiency in local area networks (LANs) for research		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(ii) demonstrate proficiency in wide area networks (WANs) for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(iii) demonstrate proficiency in the Internet for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(iv) demonstrate proficiency in intranets for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(v) demonstrate appropriate use of local area networks (LANs) for research		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(vi) demonstrate appropriate use of wide area networks (WANs) for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(vii) demonstrate appropriate use of the Internet for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(viii) demonstrate appropriate use of intranets for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(ix) demonstrate appropriate navigation of local area networks (LANs) for research		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(x) demonstrate appropriate navigation of wide area networks (WANs) for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xi) demonstrate appropriate navigation of the Internet for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xii) demonstrate appropriate navigation of intranets for research		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xiii) demonstrate proficiency in local area networks (LANs) for resource sharing		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xiv) demonstrate proficiency in wide area networks (WANs) for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xv) demonstrate proficiency in the Internet for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xvi) demonstrate proficiency in intranets for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xvii) demonstrate appropriate use of local area networks (LANs) for resource sharing		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xviii) demonstrate appropriate use of wide area networks (WANs) for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xix) demonstrate appropriate use of the Internet for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xx) demonstrate appropriate use of intranets for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xxi) demonstrate appropriate navigation of local area networks (LANs) for resource sharing		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xxii) demonstrate appropriate navigation of wide area networks (WANs) for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xxiii) demonstrate appropriate navigation of the Internet for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(T) demonstrate proficiency in and appropriate use and navigation of local area networks (LANs), wide area networks (WANs), the Internet, and intranets for research and resource sharing	(xxiv) demonstrate appropriate navigation of intranets for resource sharing		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(U) construct appropriate search strategies in the acquisition of information from the Internet, including keyword searches and searches with Boolean operators	(i) construct appropriate search strategies in the acquisition of information from the Internet, including keyword searches		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(U) construct appropriate search strategies in the acquisition of information from the Internet, including keyword searches and searches with Boolean operators	(ii) construct appropriate search strategies in the acquisition of information from the Internet, including searches with Boolean operators		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(V) acquire information in electronic formats, including text, audio, video, and graphics, citing the source	(i) acquire information in electronic formats, including text, citing the source		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(V) acquire information in electronic formats, including text, audio, video, and graphics, citing the source	(ii) acquire information in electronic formats, including audio, citing the source		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(V) acquire information in electronic formats, including text, audio, video, and graphics, citing the source	(iii) acquire information in electronic formats, including video, citing the source		
(3) Research and information fluency. The student applies digital tools to gather, evaluate, and use information. The student is expected to:	(V) acquire information in electronic formats, including text, audio, video, and graphics, citing the source	(iv) acquire information in electronic formats, including graphics, citing the source		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(A) demonstrate the transfer and adaptation of knowledge through the creation of original work	(i) demonstrate the transfer of knowledge through the creation of original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(A) demonstrate the transfer and adaptation of knowledge through the creation of original work	(ii) demonstrate the adaptation of knowledge through the creation of original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(B) evaluate and implement security measures to protect original work such as firewalls and Hypertext Transfer Protocol Secure (HTTPS)	(i) evaluate security measures to protect original work		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(B) evaluate and implement security measures to protect original work such as firewalls and Hypertext Transfer Protocol Secure (HTTPS)	(ii) implement security measures to protect original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(C) analyze and follow timelines needed to create, edit, and present original work	(i) analyze timelines needed to create original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(C) analyze and follow timelines needed to create, edit, and present original work	(ii) analyze timelines needed to edit original work		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(C) analyze and follow timelines needed to create, edit, and present original work	(iii) analyze timelines needed to present original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(C) analyze and follow timelines needed to create, edit, and present original work	(iv) follow timelines needed to create original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(C) analyze and follow timelines needed to create, edit, and present original work	(v) follow timelines needed to edit original work		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(C) analyze and follow timelines needed to create, edit, and present original work	(vi) follow timelines needed to present original work		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(D) verify current licensing issues for software being used for the creation of original work			
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(E) identify and evaluate the design and functionality of web pages using rubrics	(i) identify the design of web pages using rubrics		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(E) identify and evaluate the design and functionality of web pages using rubrics	(ii) identify the functionality of web pages using rubrics		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(E) identify and evaluate the design and functionality of web pages using rubrics	(iii) evaluate the design of web pages using rubrics		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(E) identify and evaluate the design and functionality of web pages using rubrics	(iv) evaluate the functionality of web pages using rubrics		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(F) optimize web information for fast download such as dial-up and high speed Internet and mobile devices	(i) optimize web information for fast download		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(G) evaluate original work through self-, peer, and professional review of websites	(i) evaluate original work through self-review of websites		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(G) evaluate original work through self-, peer, and professional review of websites	(ii) evaluate original work through peer review of websites		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(G) evaluate original work through self-, peer, and professional review of websites	(iii) evaluate original work through professional review of websites		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(H) evaluate the types, functions, and target audiences of websites	(i) evaluate the types of websites		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(H) evaluate the types, functions, and target audiences of websites	(ii) evaluate the functions of websites		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(H) evaluate the types, functions, and target audiences of websites	(iii) evaluate the target audiences of websites		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(I) read, use, and develop technical documents	(i) read technical documents		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(I) read, use, and develop technical documents	(ii) use technical documents		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(I) read, use, and develop technical documents	(iii) develop technical documents		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(J) analyze, examine, assess, and decide on servers as they relate to the management of a website	(i) analyze servers as they relate to the management of a website		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(J) analyze, examine, assess, and decide on servers as they relate to the management of a website	(ii) examine servers as they relate to the management of a website		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(J) analyze, examine, assess, and decide on servers as they relate to the management of a website	(iii) assess servers as they relate to the management of a website		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(J) analyze, examine, assess, and decide on servers as they relate to the management of a website	(iv) decide on servers as they relate to the management of a website		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(K) analyze, examine, assess and decide on a web host	(i) analyze a web host		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(K) analyze, examine, assess and decide on a web host	(ii) examine a web host		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(K) analyze, examine, assess and decide on a web host	(iii) assess a web host		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(K) analyze, examine, assess and decide on a web host	(iv) decide on a web host		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(i) analyze domain name acquisition		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(ii) examine domain name acquisition		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(iii) assess domain name acquisition		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(iv) decide on domain name acquisition		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(v) analyze domain name retention		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(vi) examine domain name retention		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(vii) assess domain name retention		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(L) analyze, examine, assess and decide on domain name acquisition and retention	(viii) decide on domain name retention		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(M) evaluate the functionality of a website such as color scheme, grammar, technological constraints, age appropriateness, cross-platform usability, and user relevant criteria as it relates to an intended audience	(i) evaluate the functionality of a website as it relates to an intended audience		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(N) identify software file formats and their characteristics and appropriate use	(i) identify software file formats		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(N) identify software file formats and their characteristics and appropriate use	(ii) identify [software file formats] characteristics		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(N) identify software file formats and their characteristics and appropriate use	(iii) identify [software file formats] appropriate use		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(O) identify and apply search engine optimization (SEO) to ensure optimal website visibility	(i) identify search engine optimization (SEO) to ensure optimal website visibility		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(O) identify and apply search engine optimization (SEO) to ensure optimal website visibility	(ii) apply search engine optimization (SEO) to ensure optimal website visibility		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(P) investigate and choose electronic security methods for a web server to protect from unauthorized access and negative intentions	(i) investigate electronic security methods for a web server to protect from unauthorized access		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(P) investigate and choose electronic security methods for a web server to protect from unauthorized access and negative intentions	(ii) investigate electronic security methods for a web server to protect from negative intentions		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(P) investigate and choose electronic security methods for a web server to protect from unauthorized access and negative intentions	(iii) choose electronic security methods for a web server to protect from unauthorized access		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(P) investigate and choose electronic security methods for a web server to protect from unauthorized access and negative intentions	(iv) choose electronic security methods for a web server to protect from negative intentions		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(Q) draw conclusions from data gathered from electronic and telecommunications resources	(i) draw conclusions from data gathered from electronic resources		
(4) Critical thinking, problem solving, and decision making. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student is expected to:	(Q) draw conclusions from data gathered from electronic and telecommunications resources	(ii) draw conclusions from data gathered from telecommunications resources		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(i) engage in online activities that follow appropriate behavioral guidelines, including ethics		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(ii) engage in online activities that follow appropriate behavioral guidelines, including personal security		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(iii) engage in online activities that follow appropriate behavioral guidelines, including verbiage determined by the intended audience		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(iv) engage in online activities that follow appropriate behavioral guidelines, including ethical use of files		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(v) engage in online activities that follow appropriate behavioral guidelines, including ethical use of file sharing		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(vi) engage in online activities that follow appropriate communication guidelines, including ethics		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(vii) engage in online activities that follow appropriate communication guidelines, including personal security		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(viii) engage in online activities that follow appropriate communication guidelines, including verbiage determined by the intended audience		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(ix) engage in online activities that follow appropriate communication guidelines, including ethical use of files		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(x) engage in online activities that follow appropriate communication guidelines, including ethical use of file sharing		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(xi) engage in online activities that follow appropriate privacy guidelines, including ethics		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(xii) engage in online activities that follow appropriate privacy guidelines, including personal security		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(xiii) engage in online activities that follow appropriate privacy guidelines, including verbiage determined by the intended audience		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(xiv) engage in online activities that follow appropriate privacy guidelines, including ethical use of files		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(A) engage in online activities that follow appropriate behavioral, communication, and privacy guidelines, including ethics, personal security, verbiage determined by the intended audience, and ethical use of files and file sharing	(xv) engage in online activities that follow appropriate privacy guidelines, including ethical use of file sharing		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(B) understand the negative impact of inappropriate technology use, including online bullying and harassment	(i) understand the negative impact of inappropriate technology use, including online bullying		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(B) understand the negative impact of inappropriate technology use, including online bullying and harassment	(ii) understand the negative impact of inappropriate technology use, including online harassment		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(C) implement online security guidelines, including identity protection, limited personal information sharing, and password protection of a secure website	(i) implement online security guidelines, including identity protection of a secure website		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(C) implement online security guidelines, including identity protection, limited personal information sharing, and password protection of a secure website	(ii) implement online security guidelines, including limited personal information sharing of a secure website		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(C) implement online security guidelines, including identity protection, limited personal information sharing, and password protection of a secure website	(iii) implement online security guidelines, including password protection of a secure website		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(D) engage in safe, legal, and responsible use of information and technology	(i) engage in safe use of information		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(D) engage in safe, legal, and responsible use of information and technology	(ii) engage in legal use of information		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(D) engage in safe, legal, and responsible use of information and technology	(iii) engage in responsible use of information		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(D) engage in safe, legal, and responsible use of information and technology	(iv) engage in safe use of technology		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(D) engage in safe, legal, and responsible use of information and technology	(v) engage in legal use of technology		

Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(D) engage in safe, legal, and responsible use of information and technology	(vi) engage in responsible use of technology		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(i) understand local issues to ensure appropriate cross-browser usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(ii) understand state issues to ensure appropriate cross-browser usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(iii) understand national issues to ensure appropriate cross-browser usability		

Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(iv) understand global issues to ensure appropriate cross-browser usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(v) understand local issues to ensure appropriate cross-platform usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(vi) understand state issues to ensure appropriate cross-platform usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(vii) understand national issues to ensure cross-platform usability		

Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(viii) understand global issues to ensure cross-platform usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(ix) respond to local issues to ensure appropriate cross-browser usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(x) respond to state issues to ensure appropriate cross-browser usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(xi) respond to national issues to ensure appropriate cross-browser usability		

Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(xii) respond to global issues to ensure appropriate cross-browser usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(xiii) respond to local issues to ensure appropriate cross-platform usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(xiv) respond to state issues to ensure appropriate cross-platform usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(xv) respond to national issues to ensure appropriate cross-platform usability		

Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(E) understand and respond to local, state, national, and global issues to ensure appropriate cross-browser and cross-platform usability	(xvi) respond to global issues to ensure appropriate cross-platform usability		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(F) interpret, use, and develop a safe online shared computing environment	(i) interpret a safe online shared computing environment		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(F) interpret, use, and develop a safe online shared computing environment	(ii) use a safe online shared computing environment		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(F) interpret, use, and develop a safe online shared computing environment	(iii) develop a safe online shared computing environment		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(G) identify legal, ethical, appropriate, and safe website marketing practices	(i) identify legal website marketing practices		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(G) identify legal, ethical, appropriate, and safe website marketing practices	(ii) identify ethical website marketing practices		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(G) identify legal, ethical, appropriate, and safe website marketing practices	(iii) identify appropriate website marketing practices		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(G) identify legal, ethical, appropriate, and safe website marketing practices	(iv) identify safe website marketing practices		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(i) identify legal multimedia usage, including video		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(ii) identify legal multimedia usage, including audio		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(iii) identify legal multimedia usage, including graphics		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(iv) identify legal multimedia usage, including animation		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(v) identify legal multimedia usage, including emerging trends		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(vi) identify ethical multimedia usage, including video		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(vii) identify ethical multimedia usage, including audio		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(viii) identify ethical, multimedia usage, including graphics		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(ix) identify ethical multimedia usage, including animation		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(x) identify ethical multimedia usage, including emerging trends		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xi) identify appropriate multimedia usage, including video		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xii) identify appropriate multimedia usage, including audio		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xiii) identify appropriate multimedia usage, including graphics		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xiv) identify appropriate multimedia usage, including animation		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xv) identify appropriate multimedia usage, including emerging trends		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xvi) identify safe multimedia usage, including video		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xvii) identify safe multimedia usage, including audio		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xviii) identify safe multimedia usage, including graphics		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xix) identify safe multimedia usage, including animation		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(H) identify legal, ethical, appropriate, and safe multimedia usage, including video, audio, graphics, animation, and emerging trends	(xx) identify safe multimedia usage, including emerging trends		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(I) analyze the impact of the World Wide Web on society through research, interviews, and personal observation	(i) analyze the impact of the World Wide Web on society through research		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(I) analyze the impact of the World Wide Web on society through research, interviews, and personal observation	(ii) analyze the impact of the World Wide Web on society through interviews		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(I) analyze the impact of the World Wide Web on society through research, interviews, and personal observation	(iii) analyze the impact of the World Wide Web on society through personal observation		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(J) participate in relevant and meaningful activities in the larger community and society to create electronic projects	(i) participate in relevant activities in the larger community to create electronic projects		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(J) participate in relevant and meaningful activities in the larger community and society to create electronic projects	(ii) participate in relevant activities in the larger society to create electronic projects		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(J) participate in relevant and meaningful activities in the larger community and society to create electronic projects	(iii) participate in meaningful activities in the larger community to create electronic projects		
(5) Digital citizenship. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student is expected to:	(J) participate in relevant and meaningful activities in the larger community and society to create electronic projects	(iv) participate in meaningful activities in the larger society to create electronic projects		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(A) demonstrate knowledge of hardware, including scanners, cameras, printers, video cameras, and external hard drives	(i) demonstrate knowledge of hardware, including scanners		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(A) demonstrate knowledge of hardware, including scanners, cameras, printers, video cameras, and external hard drives	(ii) demonstrate knowledge of hardware, including cameras		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(A) demonstrate knowledge of hardware, including scanners, cameras, printers, video cameras, and external hard drives	(iii) demonstrate knowledge of hardware, including printers		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(A) demonstrate knowledge of hardware, including scanners, cameras, printers, video cameras, and external hard drives	(iv) demonstrate knowledge of hardware, including video cameras		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(A) demonstrate knowledge of hardware, including scanners, cameras, printers, video cameras, and external hard drives	(v) demonstrate knowledge of hardware, including external hard drives		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(B) identify the parts of a computer and explain its functions	(i) identify the parts of a computer		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(B) identify the parts of a computer and explain its functions	(ii) explain [parts of a computer] functions		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(C) summarize the need for and functionality and use of servers	(i) summarize the need for servers		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(C) summarize the need for and functionality and use of servers	(ii) summarize the functionality of servers		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(C) summarize the need for and functionality and use of servers	(iii) summarize the use of servers		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(D) identify the advantages and disadvantages of running a personal web server versus using a web server provider	(i) identify the advantages of running a personal web server versus using a web server provider		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(D) identify the advantages and disadvantages of running a personal web server versus using a web server provider	(ii) identify the disadvantages of running a personal web server versus using a web server provider		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(i) differentiate various input devices		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(ii) differentiate various processing devices		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(iii) differentiate various output devices		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(iv) differentiate various primary/secondary storage devices		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(v) appropriately use various input devices		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(vi) appropriately use various processing devices		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(vii) appropriately use various output devices		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices	(viii) appropriately use various primary/secondary storage devices		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(F) create and implement universally accessible documents	(i) create universally accessible documents		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(F) create and implement universally accessible documents	(ii) implement universally accessible documents		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(G) analyze bandwidth issues as related to audience, server, connectivity, and cost	(i) analyze bandwidth issues as related to audience		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(G) analyze bandwidth issues as related to audience, server, connectivity, and cost	(ii) analyze bandwidth issues as related to server		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(G) analyze bandwidth issues as related to audience, server, connectivity, and cost	(iii) analyze bandwidth issues as related to connectivity		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(G) analyze bandwidth issues as related to audience, server, connectivity, and cost	(iv) analyze bandwidth issues as related to cost		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(H) establish a folder/directory hierarchy for storage of a web page and its related or linked files	(i) establish a folder/directory hierarchy for storage of a web page		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(H) establish a folder/directory hierarchy for storage of a web page and its related or linked files	(ii) establish a folder/directory hierarchy for storage of [a web page] related or linked files		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(I) create file and folder naming conventions to follow established guidelines, including spacing, special characters, and capitalization	(i) create file naming conventions to follow established guidelines, including spacing		

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Course Title	**§126.47. Web Design (One Credit), Beginning with School Year 2012-2013**			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(I) create file and folder naming conventions to follow established guidelines, including spacing, special characters, and capitalization	(ii) create file naming conventions to follow established guidelines, including special characters		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(I) create file and folder naming conventions to follow established guidelines, including spacing, special characters, and capitalization	(iii) create file naming conventions to follow established guidelines, including capitalization		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(I) create file and folder naming conventions to follow established guidelines, including spacing, special characters, and capitalization	(iv) create folder naming conventions to follow established guidelines, including spacing		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(I) create file and folder naming conventions to follow established guidelines, including spacing, special characters, and capitalization	(v) create folder naming conventions to follow established guidelines, including special characters		

Subject	§126 Technology Applications			
Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(I) create file and folder naming conventions to follow established guidelines, including spacing, special characters, and capitalization	(vi) create folder naming conventions to follow established guidelines, including capitalization		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(i) identify basic design principles when creating a website, including white space		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(ii) identify basic design principles when creating a website, including color theory		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(iii) identify basic design principles when creating a website, including background color		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(iv) identify basic design principles when creating a website, including shape		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(v) identify basic design principles when creating a website, including line		

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Course Title	§126.47. Web Design (One Credit), Beginning with School Year 2012-2013			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(vi) identify basic design principles when creating a website, including proximity		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(vii) identify basic design principles when creating a website, including unity		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(viii) identify basic design principles when creating a website, including balance (ratio of text to white space)		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(ix) identify basic design principles when creating a website, including alignment		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(x) identify basic design principles when creating a website, including typography		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xi) identify basic design principles when creating a website, including font size		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xii) identify basic design principles when creating a website, including type		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xiii) identify basic design principles when creating a website, including style		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xiv) identify basic design principles when creating a website, including image file size		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xv) identify basic design principles when creating a website, including repetition		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xvi) identify basic design principles when creating a website, including contrast		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xvii) identify basic design principles when creating a website, including consistency		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(J) identify basic design principles when creating a website, including white space, color theory, background color, shape, line, proximity, unity, balance (ratio of text to white space), alignment, typography, font size, type, style, image file size, repetition, contrast, consistency, and aesthetics	(xviii) identify basic design principles when creating a website, including aesthetics		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(K) demonstrate knowledge of the six core domains (gov, net, com, mil, org, edu) and be familiar with new domain implementation	(i) demonstrate knowledge of the six core domains (gov, net, com, mil, org, edu)		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(K) demonstrate knowledge of the six core domains (gov, net, com, mil, org, edu) and be familiar with new domain implementation	(ii) be familiar with new domain implementation		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(i) implement escape codes through hard coding		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(ii) implement escape codes through web editors		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(iii) implement escape codes through web authoring programs		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(iv) implement HyperText Markup Language (HTML) through hard coding		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(v) implement HyperText Markup Language (HTML) through web editors		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(vi) implement HyperText Markup Language (HTML) through web authoring programs		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(vii) implement cascading style sheets (CSS) through hard coding		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(viii) implement cascading style sheets (CSS) through web editors		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(ix) implement cascading style sheets (CSS) through web authoring programs		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(x) implement javascript through hard coding		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(xi) implement javascript through web editors		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(L) implement escape codes, HyperText Markup Language (HTML), cascading style sheets (CSS), and javascript through hard coding, web editors, and web authoring programs	(xii) implement javascript through web authoring programs		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(M) identify and use FTP client software	(i) identify FTP client software		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(M) identify and use FTP client software	(ii) use FTP client software		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(N) implement java applet insertion			
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(O) identify and differentiate various network topologies, including physical and logical	(i) identify various network topologies, including physical		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(O) identify and differentiate various network topologies, including physical and logical	(ii) identify various network topologies, including logical		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(O) identify and differentiate various network topologies, including physical and logical	(iii) differentiate various network topologies, including physical and logical		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(P) create, evaluate, and use web-based animation	(i) create web-based animation		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(P) create, evaluate, and use web-based animation	(ii) evaluate web-based animation		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(P) create, evaluate, and use web-based animation	(iii) use web-based animation		

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(i) create video, including editing		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(ii) create video, including compression		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(iii) create video, including exporting		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(iv) create video, including appropriateness		

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Course Title	**§126.47. Web Design (One Credit), Beginning with School Year 2012-2013**			
TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(v) create video, including delivery		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(vi) evaluate video, including editing		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(vii) evaluate video, including compression		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(viii) evaluate video, including exporting		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(ix) evaluate video, including appropriateness		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(x) evaluate video, including delivery		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(xi) use video, including editing		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(xii) use video, including compression		

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TEKS (Knowledge and	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(xiii) use video, including exporting		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(xiv) use video, including appropriateness		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(Q) create, evaluate, and use video, including editing, compression, exporting, appropriateness, and delivery	(xv) use video, including delivery		
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(R) demonstrate the ability to conduct secure communications from a web server to a client			

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TEKS (Knowledge and	**Student Expectation**	**Breakout**	**Element**	**Subelement**
(6) Technology operations and concepts. The student demonstrates a sound understanding of technology concepts, systems, and operations. The student is expected to:	(S) use hypertext linking appropriately when creating web pages			