| Subject | §126. Technology Applications | | | |
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| Course Title | §126.46. Web Communications (One-Half Credit), Beginning with School Year 2012-2013 | | | |
| TEKS (Knowledge and | Student Expectation | Breakout | Element | Subelement |
| **(a) General Requirements.** Students shall be awarded one-half credit for successful completion of this course. This course is recommended for students in Grade 9. | | | | |
| **(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 exploratory course in web communications.<br><br>(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 the use of local and online collaboration | (i) demonstrate proficiency in the use of 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 the use of local and online collaboration | (ii) demonstrate proficiency in the use of online collaboration | | |

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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: | (B) create websites using web editors or 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 original websites | (i) evaluate the accessibility of original websites | | |
| (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 original websites | (ii) evaluate usability of original websites | | |

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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: | (D) conceptualize possible technologies based on current technical trends | | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 | | |

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| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 | | |

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| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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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| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 | | |

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| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 | | |

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| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 | | |
| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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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| (2) Communication and collaboration. The student uses digital technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning 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 technology to work collaboratively toward his or her own learning and the learning of others. The student is expected to: | (D) solve problems using critical-thinking strategies | | | |
| (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 | | |

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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 | (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 using 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 | | |
| (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 | | |

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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: | (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 | | |
| (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 | | |

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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: | (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 | | |
| (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 | | |

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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 | (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 | | |
| (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 | | |

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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 | (iii) demonstrate appropriate use of vocabulary when creating 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 | (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 | | |

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| (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 such as firewalls and Hypertext Transfer Protocol Secure (HTTPS) to protect original work | (i) evaluate 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: | (B) evaluate and implement security measures such as firewalls and Hypertext Transfer Protocol Secure (HTTPS) to protect original work | (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 | | |

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| (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 | | |
| (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 | | |

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| (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 | | |
| (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 | | | |

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| (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 | | |
| (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 | | |

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| (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 | | |
| (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 | | |

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| (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 | | |
| (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 | | |
| (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, and verbiage determined by intended audience | (i) engage in online activities that follow appropriate behavioral guidelines, including ethics | | |

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| (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, and verbiage determined by intended audience | (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, and verbiage determined by intended audience | (iii) engage in online activities that follow appropriate behavioral guidelines, including verbiage determined by 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, and verbiage determined by intended audience | (iv) 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, and verbiage determined by intended audience | (v) engage in online activities that follow appropriate communication guidelines, including personal security | | |

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| (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, and verbiage determined by intended audience | (vi) engage in online activities that follow appropriate communication guidelines, including verbiage determined by 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, and verbiage determined by intended audience | (vii) 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, and verbiage determined by intended audience | (viii) 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, and verbiage determined by intended audience | (ix) engage in online activities that follow appropriate privacy guidelines, including verbiage determined by intended audience | | |

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| Course Title | §126.46. Web Communications (One-Half 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: | (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 | | |
| (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 | | |

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| Course Title | §126.46. Web Communications (One-Half 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: | (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) advocate and practice safe, legal, and responsible use of information and technology | (i) advocate safe 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) advocate and practice safe, legal, and responsible use of information and technology | (ii) advocate 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) advocate and practice safe, legal, and responsible use of information and technology | (iii) advocate 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) advocate and practice safe, legal, and responsible use of information and technology | (iv) practice safe use of information | | |

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| Course Title | §126.46. Web Communications (One-Half 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) advocate and practice safe, legal, and responsible use of information and technology | (v) practice 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) advocate and practice safe, legal, and responsible use of information and technology | (vi) practice 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) advocate and practice safe, legal, and responsible use of information and technology | (vii) advocate 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) advocate and practice safe, legal, and responsible use of information and technology | (viii) advocate legal 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) advocate and practice safe, legal, and responsible use of information and technology | (ix) advocate responsible use of technology | | |

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| Course Title | §126.46. Web Communications (One-Half 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) advocate and practice safe, legal, and responsible use of information and technology | (x) practice 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) advocate and practice safe, legal, and responsible use of information and technology | (xi) practice legal 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) advocate and practice safe, legal, and responsible use of information and technology | (xii) practice responsible use of technology | | |
| (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 such as scanners, cameras, printers, video cameras, and external hard drives | (i) demonstrate knowledge of hardware | | |
| (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 their functions | (i) identify the parts of a computer | | |

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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 their 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, functionality, and use of servers | (i) summarize the need of 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, functionality, and use of servers | (ii) summarize the functionality of 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, 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 | | |

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| Course Title | §126.46. Web Communications (One-Half 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: | (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 | | |
| (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 | | |

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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: | (E) differentiate and appropriately use various input, processing, output, and primary/secondary storage devices | (v) appropriately use various input 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 | (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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| 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 they relate to audience, servers, connectivity, and cost | (i) analyze bandwidth issues as they relate 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 they relate to audience, servers, connectivity, and cost | (ii) analyze bandwidth issues as they relate to servers | | |
| (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 they relate to audience, servers, connectivity, and cost | (iii) analyze bandwidth issues as they relate to connectivity | | |
| (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 they relate to audience, servers, connectivity, and cost | (iv) analyze bandwidth issues as they relate to cost | | |

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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: | (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 its [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) follow file and folder naming conventions, including spacing, special characters, and capitalization | (i) follow file naming conventions, 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) follow file and folder naming conventions, including spacing, special characters, and capitalization | (ii) follow file naming conventions, 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) follow file and folder naming conventions, including spacing, special characters, and capitalization | (iii) follow file naming conventions, including capitalization | | |

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| **Course Title** | **§126.46. Web Communications (One-Half 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) follow file and folder naming conventions, including spacing, special characters, and capitalization | (iv) follow folder naming conventions, 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) follow file and folder naming conventions, including spacing, special characters, and capitalization | (v) follow folder naming conventions, 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) follow file and folder naming conventions, including spacing, special characters, and capitalization | (vi) follow folder naming conventions, 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 | | | |