



**Commercial and Advertising Art, Classification of Instructional Program (CIP) 50.0402  
Units of Instruction and Task Grid Linked to Pennsylvania Core Standards**

Secondary Competency Task List with Unit and Task Numbers:	Common Career Technical Core Standards	Pennsylvania Core Standards for Reading for Technical Subjects Standard 3.5	Pennsylvania Core Standards for Writing for Technical Subjects Standard 3.6	Pennsylvania Core Standards for Mathematics Standard 2.0
<b>100 ORIENTATION.</b>	<p><b><u>CAREER CLUSTER:</u></b> Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6</p> <p><b>PATHWAYS INCLUDE:</b> <b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3 <b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p><b>KEY IDEAS/DETAILS GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. A</b> <b>Standard CC.3.5.11-12 A</b> Cite specific textual evidence, etc. <b>Standard CC.3.5.9-10 B</b> <b>Standard CC.3.5.11-12. B</b> Determine the central ideas or conclusions of a text; etc. <b>Standard CC.3.5.9-10.C</b> <b>Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words. <b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc. <b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p>		

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Secondary Competency Task List with Unit and Task Numbers:	Common Career Technical Core Standards	Pennsylvania Core Standards for Reading for Technical Subjects Standard 3.5	Pennsylvania Core Standards for Writing for Technical Subjects Standard 3.6	Pennsylvania Core Standards for Mathematics Standard 2.0
		<p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b> <b>GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author’s claim for solving a technical problem. <b>Standard CC.3.5.9-10. I</b> Compare and contrast findings presented in a text to those from other sources, etc.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b> <b>GRADES 11-12</b> <b>Standard CC.3.5.11-12. G</b> Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem. <b>Standard CC.3.5.11-12. H</b> Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible. <b>Standard CC.3.5.11-12. I</b> Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING</b> <b>GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10.J</b> <b>Standard CC.3.5.11-12.J</b> By the end of grades 9- 10, AND 11- 12, read and comprehend technical texts independently and proficiently.</p>		

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<b>200 SAFETY.</b>				
201 Safely operate media presentation equipment. 202 Demonstrate safe practices when using computer hardware and software. 203 Demonstrate safe practices when using and maintaining hand tools. 204 Demonstrate safe practices when using, storing, and disposing of paints, solvents, and chemicals. 205 Demonstrate safe cutting procedures. 206 Demonstrate knowledge of hazard communication law/environmental protection to include MSDS.	<p><b><u>CAREER CLUSTER:</u></b>  <b>Arts, AV Technology and Communications Career Cluster</b>            (Choose Standards)            1-2-3-4-5-6</p> <p><b>PATHWAYS INCLUDE:</b>  <b>Printing Technology Career Pathway</b>            (Choose Standards)            1-2-3</p> <p><b>Visual Arts Career Pathway</b>            (Choose Standards)            1-2-3</p> <p><b>NOTE:</b>  <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p><b>KEY IDEAS/DETAILS</b>  <b>GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10. A</b>  <b>Standard CC.3.5.11-12 A</b>            Cite specific textual evidence, etc.  <b>Standard CC.3.5.9-10 B</b>  <b>Standard CC.3.5.11-12. B</b>            Determine the central ideas or conclusions of a text; etc.  <b>Standard CC.3.5.9-10.C</b>  <b>Standard CC.3.5.11-12.C</b>            Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE</b>  <b>GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10. D</b>  <b>Standard CC.3.5.11-12.D</b>            Determine the meaning of symbols, key terms, and other domain specific words.  <b>Standard CC.3.5.9-10.E</b>  <b>Standard CC.3.5.11-12.E</b>            Analyze the structure of the relationships among concepts in a text, etc.  <b>Standard CC.3.5.9-10.F</b>  <b>Standard CC.3.5.11-12.F</b>            Analyze the author’s purpose in providing an explanation, describing a procedure...and            Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b>  <b>GRADES 9-10</b>  <b>Standard CC.3.5.9-10.G</b></p>		

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		<p>Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).  <b>Standard CC.3.5.9-10. H</b>                      Assess the reasoning in a text to support the author’s claim for solving a technical problem.  <b>Standard CC.3.5.9-10. I</b>                      Compare and contrast findings presented in a text to those from other sources, etc.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS                      GRADES 11-12</b>  <b>Standard CC.3.5.11-12. G</b>                      Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.  <b>Standard CC.3.5.11-12. H</b>                      Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.  <b>Standard CC.3.5.11-12. I</b>                      Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING                      GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10.J</b>  <b>Standard CC.3.5.11-12.J</b>                      By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>		
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<b>300 DRAWING AND ILLUSTRATION.</b>				
	<b>CAREER CLUSTER:</b> Arts, AV Technology	<b>KEY IDEAS/DETAILS</b> GRADES 9-10-11-12		<b>NUMBERS AND OPERATIONS</b>

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<p>301 Design objects using linear perspective.</p> <p>302 Design basic geometric and organic forms showing texture and tone.</p> <p>303 Create line art.</p> <p>304 Apply anatomy concepts in drawing.</p> <p>305 Design from direct observation.</p> <p>306 Produce color illustrations using various media.</p> <p>307 Create value with the use of layering.</p>	<p><b>and Communications Career Cluster</b> (Choose Standards) 1-2-3-4-5-6</p> <p><b>PATHWAYS INCLUDE:</b> <b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p><b>Standard CC.3.5.9-10. A</b> <b>Standard CC.3.5.11-12 A</b> Cite specific textual evidence, etc. <b>Standard CC.3.5.9-10 B</b> <b>Standard CC.3.5.11-12. B</b> Determine the central ideas or conclusions of a text; etc. <b>Standard CC.3.5.9-10.C</b> <b>Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words. <b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc. <b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b></p>		<p><b>Standard 2.1.HS.F.2</b> Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p> <p><b>Standard 2.1.HS.F.4</b> Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p><b>Standard 2.1.HS.F.5</b> Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p><b>Standard 2.1.HS.F.6</b> Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

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		<p>Assess the reasoning in a text to support the author’s claim for solving a technical problem.  <b>Standard CC.3.5.9-10. I</b>                      Compare and contrast findings presented in a text to those from other sources, etc.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b>  <b>GRADES 11-12</b>  <b>Standard CC.3.5.11-12. G</b>                      Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.  <b>Standard CC.3.5.11-12. H</b>                      Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.  <b>Standard CC.3.5.11-12. I</b>                      Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING</b>  <b>GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10.J</b>  <b>Standard CC.3.5.11-12.J</b>                      By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>		
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<b>400 COLOR THEORY AND APPLICATION.</b>				
401 Apply the basic structure of color (hue, intensity, saturation) to generate color solutions.  402 Apply appropriate color schemes to generate	<p><b><u>CAREER CLUSTER:</u></b>  <b>Arts, AV Technology and Communications Career Cluster</b>                      (Choose Standards)                      1-2-3-4-5-6</p>	<p><b>KEY IDEAS/DETAILS</b>  <b>GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10. A</b>  <b>Standard CC.3.5.11-12 A</b>                      Cite specific textual evidence, etc.  <b>Standard CC.3.5.9-10 B</b>  <b>Standard CC.3.5.11-12. B</b></p>	<p><b>TEXT TYPES AND PURPOSE</b>  <b>GRADES 9-10-11-12</b>  <b>Standard CC.3.6.9-10.A</b>  <b>Standard CC.3.6.11-12.A</b>                      Write arguments focused on discipline specific content.</p>	

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<p>design solutions.</p> <p>403 Identify and apply additive and subtractive color.</p>	<p><b>PATHWAYS INCLUDE:</b></p> <p><b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p>Determine the central ideas or conclusions of a text; etc. <b>Standard CC.3.5.9-10.C</b> <b>Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words. <b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc. <b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b> <b>GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author’s claim for solving a technical problem. <b>Standard CC.3.5.9-10. I</b></p>	<p><b>Standard CC.3.6.9-10.B</b> <b>Standard CC.3.6.11-12.B</b> Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p><b>PRODUCTION &amp; DISTRIBUTION OF WRITING</b> <b>GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.C</b> <b>Standard CC.3.6.11-12 C</b> Produce clear and coherent writing...appropriate to task, purpose, and audience. <b>Standard CC.3.6.9-10 D</b> <b>Standard CC.3.6.11-12.D</b> Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. <b>Standard CC.3.6.9-10.E</b> <b>Standard CC.3.6.11-12.E.</b> Use technology, including the internet, to produce, publish, and update individual or shared writing products.</p> <p><b>RESEARCH</b> <b>GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.F</b> <b>Standard CC.3.6.11-12.F</b> Conduct short and more sustained research to answer a question or solve a problem. <b>Standard CC.3.6.9-10.G.</b></p>	

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		<p>Compare and contrast findings presented in a text to those from other sources, etc.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 11-12 Standard CC.3.5.11-12. G</b> Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem. <b>Standard CC.3.5.11-12. H</b> Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible. <b>Standard CC.3.5.11-12. I</b> Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING GRADES 9-10-11-12 Standard CC.3.5.9-10.J Standard CC.3.5.11-12.J</b> By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p><b>Standard CC.3.6.11-12.G</b> Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation. <b>Standard CC.3.6.9-10.H. Standard CC.3.6.11-12.H.</b> Draw evidence from informational texts to support analysis, reflection, and research.</p> <p><b>RANGE OF WRITING GRADES 9-10-11-12 Standard CC.3.5.9-10.I &amp; Standard CC.3.5.11-12.I.</b> Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	

<b>500 DIGITAL IMAGING.</b>				
501 Demonstrate image scanning procedures. 502 Identify the properties of vector and raster images. 503 Demonstrate basic use of page layout software. 504 Demonstrate intermediate use of page layout software.	<p><b>CAREER CLUSTER:</b> Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6</p> <p><b>PATHWAYS INCLUDE:</b> Printing Technology</p>	<p><b>KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.11-12 A</b> Cite specific textual evidence, etc. <b>Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B</b> Determine the central ideas or conclusions of a text; etc. <b>Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C</b></p>	<p><b>TEXT TYPES AND PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.11-12.A</b> Write arguments focused on discipline specific content. <b>Standard CC.3.6.9-10.B Standard CC.3.6.11-12.B</b> Write informative or explanatory texts, including</p>	<p><b>NUMBERS AND OPERATIONS Standard 2.1.HS.F.2</b> Apply properties of rational and irrational numbers to solve real world or mathematical problems. <b>Standard 2.1.HS.F.4</b> Use units as a way to understand problems and to</p>

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<p>505 Demonstrate basic use of a vector based drawing program.</p> <p>506 Demonstrate intermediate use of a vector based drawing program.</p> <p>507 Demonstrate basic use of image editing software.</p> <p>508 Demonstrate intermediate use of image editing software.</p> <p>509 Demonstrate use of input, output and storage devices.</p> <p>510 Demonstrate appropriate use of different file formats.</p> <p>511 Organize and manage digital files.</p> <p>512 Demonstrate basic use of Web Page design software.</p>	<p><b>Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p>Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words. <b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc. <b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author’s claim for solving a technical problem. <b>Standard CC.3.5.9-10. I</b> Compare and contrast findings presented in a text to those from other sources, etc.</p>	<p>the narration of technical processes, etc.</p> <p><b>PRODUCTION &amp; DISTRIBUTION OF WRITING GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.C</b> <b>Standard CC.3.6.11-12 C</b> Produce clear and coherent writing...appropriate to task, purpose, and audience. <b>Standard CC.3.6.9-10 D</b> <b>Standard CC.3.6.11-12.D</b> Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. <b>Standard CC.3.6.9-10.E</b> <b>Standard CC.3.6.11-12.E.</b> Use technology, including the internet, to produce, publish, and update individual or shared writing products.</p>	<p>guide the solution of multistep problems.</p> <p><b>Standard 2.1.HS.F.5</b> Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p><b>Standard 2.1.HS.F.6</b> Extend the knowledge of arithmetic operations and apply to complex numbers.</p> <p><b>GEOMETRY Standard 2.3.HS.A.13</b> Analyze relationships between two dimensional and three dimensional objects.</p>

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		<p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 11-12</b>  <b>Standard CC.3.5.11-12. G</b>          Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.  <b>Standard CC.3.5.11-12. H</b>          Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.  <b>Standard CC.3.5.11-12. I</b>          Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10.J</b>  <b>Standard CC.3.5.11-12.J</b>          By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p><b>RESEARCH GRADES 9-10-11-12</b>  <b>Standard CC.3.6.9-10.F</b>  <b>Standard CC.3.6.11-12.F</b>          Conduct short and more sustained research to answer a question or solve a problem.  <b>Standard CC.3.6.9-10.G.</b>  <b>Standard CC.3.6.11-12.G</b>          Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.  <b>Standard CC.3.6.9-10.H.</b>  <b>Standard CC.3.6.11-12.H.</b>          Draw evidence from informational texts to support analysis, reflection, and research.</p> <p><b>RANGE OF WRITING GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10.I &amp; Standard CC.3.5.11-12.I.</b>          Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
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<b>600 DESIGN, LAYOUT AND PRODUCTION.</b>				
<p>601 Research the history of advertising design.</p> <p>602 Apply elements and principles of design.</p> <p>603 Write a creative brief.</p> <p>604 Produce thumbnails, roughs and</p>	<p><b><u>CAREER CLUSTER:</u></b>  <b>Arts, AV Technology and Communications Career Cluster</b>          (Choose Standards)          1-2-3-4-5-6</p>	<p><b>KEY IDEAS/DETAILS GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10. A</b>  <b>Standard CC.3.5.11-12 A</b>          Cite specific textual evidence, etc.  <b>Standard CC.3.5.9-10 B</b>  <b>Standard CC.3.5.11-12. B</b>          Determine the central ideas or</p>	<p><b>TEXT TYPES AND PURPOSE GRADES 9-10-11-12</b>  <b>Standard CC.3.6.9-10.A</b>  <b>Standard CC.3.6.11-12.A</b>          Write arguments focused on discipline specific content.  <b>Standard CC.3.6.9-10.B</b></p>	<p><b>NUMBERS AND OPERATIONS Standard 2.1.HS.F.2</b>          Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p>

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<p>comprehensive.</p> <p>605 Design a logo.</p> <p>606 Create a design for a package.</p> <p>607 Demonstrate basic knowledge of printing processes.</p> <p>608 Design promotional materials.</p> <p>609 Prepare files for output.</p> <p>610 Demonstrate knowledge of color separations.</p> <p>611 Demonstrate knowledge of printer's marks and measurements.</p>	<p><b>PATHWAYS INCLUDE:</b></p> <p><b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p>conclusions of a text; etc. <b>Standard CC.3.5.9-10.C</b> <b>Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words. <b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc. <b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author's purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b> <b>GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author's claim for solving a technical problem. <b>Standard CC.3.5.9-10. I</b> Compare and contrast findings</p>	<p><b>Standard CC.3.6.11-12.B</b> Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p><b>PRODUCTION &amp; DISTRIBUTION OF WRITING GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.C</b> <b>Standard CC.3.6.11-12 C</b> Produce clear and coherent writing...appropriate to task, purpose, and audience. <b>Standard CC.3.6.9-10 D</b> <b>Standard CC.3.6.11-12.D</b> Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. <b>Standard CC.3.6.9-10.E</b> <b>Standard CC.3.6.11-12.E.</b> Use technology, including the internet, to produce, publish, and update individual or shared writing products.</p>	<p><b>Standard 2.1.HS.F.4</b> Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p><b>Standard 2.1.HS.F.5</b> Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p><b>Standard 2.1.HS.F.6</b> Extend the knowledge of arithmetic operations and apply to complex numbers.</p> <p><b>GEOMETRY</b> <b>Standard 2.3.HS.A.13</b> Analyze relationships between two dimensional and three dimensional objects.</p>

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		<p>presented in a text to those from other sources, etc.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 11-12</b>  <b>Standard CC.3.5.11-12. G</b>                      Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.  <b>Standard CC.3.5.11-12. H</b>                      Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.  <b>Standard CC.3.5.11-12. I</b>                      Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10.J</b>  <b>Standard CC.3.5.11-12.J</b>                      By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p><b>RESEARCH GRADES 9-10-11-12</b>  <b>Standard CC.3.6.9-10.F</b>  <b>Standard CC.3.6.11-12.F</b>                      Conduct short and more sustained research to answer a question or solve a problem.  <b>Standard CC.3.6.9-10.G.</b>  <b>Standard CC.3.6.11-12.G</b>                      Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.  <b>Standard CC.3.6.9-10.H.</b>  <b>Standard CC.3.6.11-12.H.</b>                      Draw evidence from informational texts to support analysis, reflection, and research.</p> <p><b>RANGE OF WRITING GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10.I &amp; Standard CC.3.5.11-12.I.</b>                      Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
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<b>700 TYPOGRAPHY.</b>				
701 Identify the anatomy and classification of type. 702 Identify typographic styles. 703 Manipulate type through character and paragraph formatting.	<p><b><u>CAREER CLUSTER:</u></b>  <b>Arts, AV Technology and Communications Career Cluster</b>                      (Choose Standards)                      1-2-3-4-5-6</p>	<p><b>KEY IDEAS/DETAILS GRADES 9-10-11-12</b>  <b>Standard CC.3.5.9-10. A</b>  <b>Standard CC.3.5.11-12 A</b>                      Cite specific textual evidence, etc.  <b>Standard CC.3.5.9-10 B</b>  <b>Standard CC.3.5.11-12. B</b>                      Determine the central ideas or conclusions of a text; etc.</p>	<p><b>TEXT TYPES AND PURPOSE GRADES 9-10-11-12</b>  <b>Standard CC.3.6.9-10.A</b>  <b>Standard CC.3.6.11-12.A</b>                      Write arguments focused on discipline specific content.  <b>Standard CC.3.6.9-10.B</b>  <b>Standard CC.3.6.11-12.B</b></p>	<p><b>NUMBERS AND OPERATIONS Standard 2.1.HS.F.2</b>                      Apply properties of rational and irrational numbers to solve real world or mathematical problems.  <b>Standard 2.1.HS.F.4</b></p>

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704 Choose and apply appropriate typeface.	<p><b>PATHWAYS INCLUDE:</b></p> <p><b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p><b>Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b></p> <p><b>Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words.</p> <p><b>Standard CC.3.5.9-10.E Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc.</p> <p><b>Standard CC.3.5.9-10.F Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 9-10</b></p> <p><b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p><b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p><b>Standard CC.3.5.9-10. I</b> Compare and contrast findings presented in a text to those from</p>	<p>Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p><b>PRODUCTION &amp; DISTRIBUTION OF WRITING GRADES 9-10-11-12</b></p> <p><b>Standard CC.3.6.9-10.C Standard CC.3.6.11-12.C</b> Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p><b>Standard CC.3.6.9-10 D Standard CC.3.6.11-12.D</b> Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p><b>Standard CC.3.6.9-10.E Standard CC.3.6.11-12.E.</b> Use technology, including the internet, to produce, publish, and update individual or shared writing products.</p>	<p>Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p><b>Standard 2.1.HS.F.5</b> Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p><b>Standard 2.1.HS.F.6</b> Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

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		<p>other sources, etc.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 11-12</b> <b>Standard CC.3.5.11-12. G</b> Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem. <b>Standard CC.3.5.11-12. H</b> Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible. <b>Standard CC.3.5.11-12. I</b> Synthesize information from a range of sources into a coherent understanding.</p> <p><b>RANGE OF READING GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10.J</b> <b>Standard CC.3.5.11-12.J</b> By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p><b>RESEARCH GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.F</b> <b>Standard CC.3.6.11-12.F</b> Conduct short and more sustained research to answer a question or solve a problem. <b>Standard CC.3.6.9-10.G.</b> <b>Standard CC.3.6.11-12.G</b> Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation. <b>Standard CC.3.6.9-10.H.</b> <b>Standard CC.3.6.11-12.H.</b> Draw evidence from informational texts to support analysis, reflection, and research.</p> <p><b>RANGE OF WRITING GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10.I &amp; Standard CC.3.5.11-12.I.</b> Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
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<b>800 DIGITAL PHOTOGRAPHY.</b>				
<p>801 Operate digital camera and accessories.</p> <p>802 Compose a photograph through the lens.</p> <p>803 Demonstrate use of lighting.</p> <p>804 Demonstrate ability to physically stabilize</p>	<p><b><u>CAREER CLUSTER:</u></b> <b>Arts, AV Technology and Communications Career Cluster</b> (Choose Standards) 1-2-3-4-5-6</p> <p><b>PATHWAYS</b></p>	<p><b>KEY IDEAS/DETAILS GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. A</b> <b>Standard CC.3.5.11-12 A</b> Cite specific textual evidence, etc. <b>Standard CC.3.5.9-10 B</b> <b>Standard CC.3.5.11-12. B</b> Determine the central ideas or conclusions of a text; etc.</p>	<p><b>TEXT TYPES AND PURPOSE GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.A</b> <b>Standard CC.3.6.11-12.A</b> Write arguments focused on discipline specific content. <b>Standard CC.3.6.9-10.B</b> <b>Standard CC.3.6.11-12.B</b></p>	

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<p>camera.</p> <p>805 Demonstrate how to download and manipulate digital images.</p>	<p><b>INCLUDE:</b> <b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3 <b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p><b>Standard CC.3.5.9-10.C</b> <b>Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words.</p> <p><b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc.</p> <p><b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author’s claim for solving a technical problem. <b>Standard CC.3.5.9-10. I</b> Compare and contrast findings presented in a text to those from</p>	<p>Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p><b>PRODUCTION &amp; DISTRIBUTION OF WRITING GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.C</b> <b>Standard CC.3.6.11-12.C</b> Produce clear and coherent writing...appropriate to task, purpose, and audience. <b>Standard CC.3.6.9-10.D</b> <b>Standard CC.3.6.11-12.D</b> Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. <b>Standard CC.3.6.9-10.E</b> <b>Standard CC.3.6.11-12.E.</b> Use technology, including the internet, to produce, publish, and update individual or shared writing products.</p>	

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<b>900 PROFESSIONAL PRACTICES.</b>				
<p>901 Prepare and present a portfolio.</p> <p>902 Deliver an oral presentation.</p> <p>903 Estimate time and materials for a project.</p> <p>904 Prepare and present a 3-5 minute talk on a</p>	<p><b><u>CAREER CLUSTER:</u></b> <b>Arts, AV Technology and Communications Career Cluster</b> (Choose Standards) 1-2-3-4-5-6</p>	<p><b>KEY IDEAS/DETAILS</b> <b>GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. A</b> <b>Standard CC.3.5.11-12 A</b> Cite specific textual evidence, etc. <b>Standard CC.3.5.9-10 B</b> <b>Standard CC.3.5.11-12. B</b> Determine the central ideas or</p>	<p><b>TEXT TYPES AND PURPOSE</b> <b>GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.A</b> <b>Standard CC.3.6.11-12.A</b> Write arguments focused on discipline specific content. <b>Standard CC.3.6.9-10.B</b></p>	<p><b>NUMBERS AND OPERATIONS</b> <b>Standard 2.1.HS.F.2</b> Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p>

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<p>competency.</p> <p>905 Demonstrate matting and mounting a work of art.</p> <p>906 Participate in critiques of commercial art projects.</p> <p>907 Research current industry practices.</p>	<p><b>PATHWAYS INCLUDE:</b></p> <p><b>Printing Technology Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>Visual Arts Career Pathway</b> (Choose Standards) 1-2-3</p> <p><b>NOTE:</b> <b>Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.</b></p>	<p>conclusions of a text; etc. <b>Standard CC.3.5.9-10.C</b> <b>Standard CC.3.5.11-12.C</b> Follow precisely a complex multistep procedure, etc.</p> <p><b>CRAFT &amp; STRUCTURE GRADES 9-10-11-12</b> <b>Standard CC.3.5.9-10. D</b> <b>Standard CC.3.5.11-12.D</b> Determine the meaning of symbols, key terms, and other domain specific words. <b>Standard CC.3.5.9-10.E</b> <b>Standard CC.3.5.11-12.E</b> Analyze the structure of the relationships among concepts in a text, etc. <b>Standard CC.3.5.9-10.F</b> <b>Standard CC.3.5.11-12.F</b> Analyze the author’s purpose in providing an explanation, describing a procedure...and Analyze the structure of the relationships among concepts in a text.</p> <p><b>INTEGRATE KNOWLEDGE &amp; IDEAS</b> <b>GRADES 9-10</b> <b>Standard CC.3.5.9-10.G</b> Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). <b>Standard CC.3.5.9-10. H</b> Assess the reasoning in a text to support the author’s claim for solving a technical problem. <b>Standard CC.3.5.9-10. I</b> Compare and contrast findings</p>	<p><b>Standard CC.3.6.11-12.B</b> Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p><b>PRODUCTION &amp; DISTRIBUTION OF WRITING GRADES 9-10-11-12</b> <b>Standard CC.3.6.9-10.C</b> <b>Standard CC.3.6.11-12 C</b> Produce clear and coherent writing...appropriate to task, purpose, and audience. <b>Standard CC.3.6.9-10 D</b> <b>Standard CC.3.6.11-12.D</b> Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. <b>Standard CC.3.6.9-10.E</b> <b>Standard CC.3.6.11-12.E.</b> Use technology, including the internet, to produce, publish, and update individual or shared writing products.</p>	<p><b>Standard 2.1.HS.F.4</b> Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p><b>Standard 2.1.HS.F.5</b> Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p><b>Standard 2.1.HS.F.6</b> Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

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