



Dental Assisting/Assistant Classification of Instructional Program (CIP) 51.0601

Units of Instruction and Task Grid Linked to Pennsylvania Core Standards

100 Introduction to Dental Assisting

Secondary Competency Task Grid 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 2.1
<p>101 Identify career: role, function, obligations and limitations of the dental care provider as a member of the dental team.</p> <p>102 Define dental related terms and abbreviations.</p> <p>103 Practice appropriate personal hygiene, dress practices, and personal qualities/characteristics.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D</p>	

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200 Apply Principles of Infection Control

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<p>201 Wash hands and follow gloving procedures.</p> <p>202 Maintain asepsis to control the spread of infection.</p> <p>203 Clean and prepare instruments for sterilization.</p> <p>204 Use ultrasonic cleaner.</p> <p>205 Use chemicals to sterilize and disinfect instruments.</p> <p>206 Sterilize instruments using autoclave and maintain equipment.</p> <p>207 Perform disinfection and sterilization procedures on dental equipment.</p> <p>208 Comply with OSHA regulations in respect to dental occupations.</p> <p>209 Use MSDS sheets to label appropriate materials.</p> <p>210 Dispose of sharps, infectious and hazardous wastes.</p> <p>211 Maintain evacuation system.</p> <p>212 Maintain dental hand pieces.</p> <p>213 Use infection control procedures to send/receive dental laboratory items.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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300 Safety and Emergency Procedures

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<p>301 Use general safety standards. 302 Practice proper body mechanics. 303 Perform CPR/AED procedures. 304 Prepare for medical emergencies.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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400 Ethical/Legal Responsibilities

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<p>401 Practice legal and ethical standards of behavior and compliance, including HIPPA policies.</p> <p>402 Maintain acceptable personal hygiene and exhibit appropriate dress practices.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION &</p>	<p>STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p> <p>STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p>STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p>STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.</p> <p>STANDARD 2.2.HS.D.7 Create and graph equations or inequalities to describe numbers or relationships.</p> <p>STANDARD 2.4.HS.B.2 Summarize, represent, and interpret data on two categorical and quantitative variables.</p>

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500 Anatomy and Physiology

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<p>501 Identify parts, names, shapes, and surfaces of teeth.</p> <p>502 Identify structures of oral cavity.</p> <p>503 Describe basic head and neck anatomy.</p> <p>504 Describe disturbances in dental development.</p> <p>505 Identify landmarks and structures of the face.</p> <p>506 Identify landmarks, structures and normal tissues of the mouth.</p> <p>507 Identify primary and permanent teeth - type, anterior or posterior, maxillary and mandibular.</p> <p>508 Identify primary and permanent teeth using Universal, Palmer, and FDI Designation Systems.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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600 Office Procedures

Secondary Competency Task Grid 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 2.1
<p>601 Utilize a computerized office management system to maintain patient records.</p> <p>602 Process/maintain inventory system.</p> <p>603 Process insurance claims and medical assistance forms.</p> <p>604 Receive and dismiss patients and visitors.</p> <p>605 Prepare correspondence.</p> <p>606 Maintain correspondence file.</p> <p>607 Communicate effectively with public, patients, and co-workers.</p> <p>608 Schedule and maintain appointment book/daily schedule.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION &</p>	<p>STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p> <p>STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p>STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p>STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

Secondary Competency Task Grid 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 2.1
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700 Pharmacology

Secondary Competency Task Grid 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 2.1
<p>701 Describe methods of pain, anxiety control, and pre-meds used in dentistry.</p> <p>702 Use physician's desk reference (PDR) as a resource.</p> <p>703 Recognize pharmacology terms and abbreviations, related to the field of dentistry.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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800 Radiology Skills

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<p>801 Describe history and principles of dental radiology.</p> <p>802 Follow safety measures for radiographic examination.</p> <p>803 Position patient for radiographic examination.</p> <p>804 Select accessories for radiographic technique.</p> <p>805 Select film size appropriate for patient's mouth and indicate technique.</p> <p>806 Maintain unexposed radiographic film storage.</p> <p>807 Expose intra-oral radiographs using long-cone paralleling technique.</p> <p>808 Develop radiographs.</p> <p>809 Mount full mouth series of radiographs.</p> <p>810 Maintain radiographic records.</p> <p>811 Duplicate dental radiographs.</p> <p>812 Identify normal radiographic appearances of the teeth and jaws.</p> <p>813 Evaluate dental radiographs for diagnostic quality.</p> <p>814 Expose an intraoral maxillary anterior and posterior occlusal radiograph.</p> <p>815 Expose an intraoral mandibular anterior and posterior occlusal radiograph.</p> <p>816 Expose a panoramic radiograph.</p> <p>817 Introduce students to computerized digital radiography.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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900 Operative Dentistry (Chair Side Dentistry)

Secondary Competency Task Grid 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 2.1
<p>901 Seat/dismiss a patient, including special needs and elderly.</p> <p>902 Prepare and set up examination tray for appropriate procedure.</p> <p>903 Record and chart oral conditions and vital signs.</p> <p>904 Instruct and assist patient and oral hygiene and prevention techniques.</p> <p>905 Take and record patient's dental and medical histories.</p> <p>906 Prepare, set up, and assist with oral prophylaxis tray.</p> <p>907 Transfer instruments for four handed dentistry.</p> <p>908 Evacuate oral cavity.</p> <p>909 Identify and transfer various types of dental hand instruments.</p> <p>910 Prepare set up and assist with administration of topical and local anesthesia.</p> <p>911 Prepare set up and assist with applying and removal of rubber dam.</p> <p>912 Identify/change burs in low and high speed hand pieces.</p> <p>913 Prepare tofflemire matrix band.</p> <p>914 Prepare set up and assist with amalgam restoration operative.</p> <p>915 Prepare set up and assist with composite/resin restoration.</p> <p>916 Prepare set up and assist with pit and fissure sealants.</p> <p>917 Prepare set up and assist with whitening and bleaching procedures.</p> <p>918 Provide patients with preventative dentistry information.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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		<p>Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11- 12, read and comprehend technical texts independently and proficiently.</p>	<p>12.G. Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation. Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research. RANGE OF WRITING GRADES 9-12 Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I. Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	

1000 Dental Materials

Secondary Competency Task Grid 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 2.1
<p>1001 Mix and prepare various cements, liners, bases, impression, and desensitization materials.</p> <p>1002 Prepare set up for and take alginate impressions of the maxillary and mandibular arches.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	<p>STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems. STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems. STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities. STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

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1100 Dental Laboratory Procedures

Secondary Competency Task Grid 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 2.1
<p>1101 Pour an alginate impression with gypsum product.</p> <p>1102 Trim a maxillary and mandibular study cast.</p> <p>1103 Construct an upper and lower custom tray.</p> <p>1104 Polish full dentures/partial dentures.</p> <p>1105 Create a mouth guard using the dental omnivac.</p> <p>1106 Fabricate a temporary crown/provisional.</p> <p>1107 Prepare a bleaching tray.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author's purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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1200 Oral Surgery

Secondary Competency Task Grid 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 2.1
<p>1201 Prepare set ups and assist with dental procedures.</p> <p>1202 Explain preoperative and postoperative procedures to patient.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms,</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D 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. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION &</p>	

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1300 Periodontics

Secondary Competency Task Grid 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 2.1
<p>1301 Record periodontal probings and periodontal findings.</p> <p>1302 Provide postoperative instruction for periodontal procedures.</p> <p>1303 Prepare set up for periodontal treatment.</p> <p>1304 Assist with periodontal procedures.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		

1400 Prosthodontics

Secondary Competency Task Grid 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 2.1
<p>1401 Prepare tray setup for fixed prosthetics.</p> <p>1402 Identify dental instruments and describe the total process of providing a fixed prosthesis for a patient.</p> <p>1403 Identify dental instruments and describe the total process of providing a removable prosthesis for a patient.</p> <p>1404 Give instructions regarding maintenance of fixed and removable prostheses.</p> <p>1405 Explain the concept of dental implants.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		

1500 Endodontics

Secondary Competency Task Grid 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 2.1
<p>1501 Describe the set up for endodontic procedures.</p> <p>1502 Describe the procedures involved in an endodontic treatment.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		

1600 Certification

Secondary Competency Task Grid 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 2.1
<p>1601 Prepare to obtain Radiation, Safety, and Health certification.</p> <p>1602 Prepare to obtain Dental Assisting National Board (DANB) certification.</p> <p>1603 Prepare to obtain CPR/AED certification.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		