

## Program Planning Tool

Program Title: CIP 51.0601 HEALTH - DENTAL OCCUPATIONS

Student Name: \_\_\_\_\_

This document has been designed as a tool to facilitate student placement decisions and provides important information about the program. The chart on the reverse side is designed to assist in the identification of necessary skills, present educational levels, and supports, if any, that are needed to foster program success.

### ***Program Completion Requirements***

#### ***A successful student will...***

- Secondary Academic Course Requirements: The PA Dept. of Education's focus is to ensure every student is college and career ready, therefore all students are recommended to follow a college prep sequence of academic classes. Courses such as applied math or general science are not appropriate for this program. PDE's goal is to have all students perform at the competent or advanced level on the Keystone Exams and Program of Study end-of-program assessment (NOCTI).
- Complete an Occupational Competency Assessment (i.e. NOCTI end-of -program exam) and score at the "competent" or "advanced" level. This end-of -program exam will cover the full scope of the program of study curriculum and includes (1) a multiple choice test and (2) a performance test consisting of occupational related tasks scored and evaluated by industry judges. .
- Earn a minimum of one industry recognized certification. Students will be encouraged and expected to earn all recognized industry certifications that make up the scope of the curriculum. Accommodations are not permitted for industry certifications. These include: BLS Healthcare Provider (CPR w/AED)
- Complete the approved program curriculum and earn a minimum of one RMCTC Job Title aligned with the student's career objective. Job titles are identified on the program task list, aligned with local workforce needs and high priority employment occupations, and annually reviewed and approved by the program's occupational advisory committee.
- Successful completion of Keystone Exams as determined by sending school district.
- Maintain a 95% attendance rate or better.
- Transition on to a post-secondary institution, military or related fulltime employment aligned to their CTC program of study.

### ***Instructional Process/Specifications***

#### ***A successful student will...***

- Perform a wide variety of tasks in a clinical environment with equipment consistent with dental standards. After receiving applicable instructions/demonstrations, the students will progress through the use of learning guides.
- Students will be participating in clinical experiences where they will be exposed to human body fluids and will be required to wear gloves and masks to protect themselves from possible viruses and infectious diseases, such as hepatitis. Students will be taught to properly dispose of sharp, infectious, and hazardous waste. Strict adherence to sterilization and disinfecting procedures must be followed to insure safety to self and others.
- Participate in classroom theory and clinical skills for generally 2 ½ hours each day; students will spend 50% of their time in classroom theory and 50% of their time doing laboratory applications and live work.
- Complete written and performance tests. Students will be evaluated at least twice a week in each of these areas according to established rubrics and checklists. Progress is measured daily in the areas of knowledge, skills, and work ethic.
- Read and study textbooks/supplemental material. Material is written at a 12<sup>th</sup> grade or post-secondary level.
- Complete homework on time. Homework is in the form of chapter, workbook and/or worksheet assignments. In addition, research papers, writing assignments, and leadership projects are required.
- Participate in Career & Technical Student Organizations including HOSA, SkillsUSA and/or National Technical Honor Society.
- Participate in a paid or unpaid work based learning related to the Program of Study (cooperative education, clinical internship, and/or job shadowing).
- Purchase appropriate work and safety attire, tools, and equipment. Following is an estimated breakdown of costs:
  - UNIFORM: \$70 – scrubs/shoes/ lab coat, \$10-\$30 – watch w/second hand.

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CTE Requirements	Present Educational Ability/Level	Support Needs
<p><b>Program Completion</b> – Strong self-determination skills and understanding of personal strengths and weaknesses. Ability to meet industry established standards of performance, complete the program of study without curriculum modifications, and earn industry certifications without testing accommodations.</p>		
<p><b>Reading and Language Arts Level</b>- Text and manuals written on a 12<sup>th</sup> grade reading level. Proficient on end-of-course exam (Keystone). Understanding written sentences and paragraphs in work related documents. Oral expression, oral comprehension, written expression. NOCTI Assessment &amp; Industry Certification Exams require a proficiency in English language skills.</p>		
<p><b>Math Level</b> - At grade level and proficient on end-of-course exam (Keystone). Knowledge of arithmetic, algebra, geometry and their applications. Proficient with ratio and proportions (medical dosages).</p>		
<p><b>Aptitude</b> – Depth perception, attention to detail, critical thinking, dependability, cooperation, self-control, social orientation, integrity, initiative, stress tolerance, concern for others, active listening, selective attention, problem solving and troubleshooting skills.</p>		
<p><b>Safety &amp; Physical</b> – Stamina (ability to focus at work station for long periods of time) Arm-hand steadiness, finger dexterity, manual dexterity, trunk strength (ability to use your abdominal and lower back muscles to support part of the body repeatedly or continuously over time without fatiguing), multi-limb coordination, hand-eye coordination. Physical strength required to lift patients for transfer.</p>		
<p><b>Interpersonal/ Social</b> – Assisting and caring for others, provide emotional support, ability to work independently and in a team, communication with supervisors, peers and patients, establishing and maintaining interpersonal relationships.</p>		
<p><b>Other Occupational/Program Considerations</b> – Willingness to study outside of class, intensive memorization of medical and dental processes and vocabulary (medical terminology &amp; anatomy and physiology), strong written and verbal communications skills, strong attention to details, ability to following detailed directions and protocols with accuracy . Focused on working closely with the public. Not disturbed by incidences, such as surgeries, injections, dental procedures, and traumatic situations and a willingness to safely handle various bodily fluids and medical waste.</p>		