

Program Planning Tool

Program: CIP 12.0501 BAKING & PASTRY ARTS

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. The program is accredited by the American Culinary Federation Foundation Accrediting Commission, and students can attain ServSafe and ACF Junior Culinarian Certification.
- 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 laboratory environment with equipment consistent with industry standards. Up to 25 students are assigned to work "independently" and in "small teams". Students progress by using learning guides in a self-directed manner. Students will be required to use commercial grade cutlery, mixers, ovens, deep fryers, knives, and slicing machinery. Using this equipment requires self-discipline and strict adherence to rules to ensure safety of self and others. Students are required to handle and exposed to all food types including those that are known allergens such as peanut butter, chocolate, seafood, wheat products, eggs, etc.
- Participate in classroom theory and laboratory applications for generally 2 ½ hours each day; students will spend 25% of their time in classroom theory and 75% of their time doing laboratory applications and live work.
- Complete written and performance tests. Students will be evaluated weekly on occupational skill performance using rubrics. In addition, students will be evaluated daily on work ethics. Progress is measured by test performance, task completion and work ethic.
- Read and study textbooks and technical manuals. Most textbooks are written at a 10th to 11th grade reading level and most technical manuals are written at a higher level.
- Complete homework on time. Homework typically involves chapter or workbook assignments, on line research assignments and writing assignments.
- Participate in Career & Technical Student Organizations including FCCLA, 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. Estimated breakdown of costs: UNIFORM: Approx. \$80 (2 coats, 2 pants, & 2 chef hats)

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CTE Requirements	Present Educational Ability/Level	Support Needs
Program Completion – 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.		
Reading and Language Arts Level - Text and manuals written on a 10 th -11 th grade reading level. Proficient on end-of-course exam (Keystone). Understanding written sentences and paragraphs in work related documents. Strong oral and written communications skills. NOCTI Assessment & Industry Certification Exams require a proficiency in English language skills.		
Math Level - At grade level and proficient on end-of-course exam (Keystone). Knowledge of arithmetic, algebra, geometry and their applications. Ability to weigh and measure wet and dry ingredients according to recipes or personal judgment using various kitchen utensils and equipment. Ability to calculate food costing and payroll duties.		
Aptitude – Oral comprehension, oral expression, active listening, critical thinking, deductive reasoning, inductive reasoning, selective attention (ability to concentrate on a task over a period of time without being distracted). Problem solving and trouble shooting skills. Artistic ability and creativity.		
Safety & Physical – High degree of self-discipline and focus on safety using around kitchen equipment, knives and other tools found in the industry. Able to lift and carry 50 lbs. Manual dexterity, finger dexterity, trunk strength (ability to use abdominal and lower back muscles to support part of the body repeatedly or continuously over time without fatiguing), multi-limb coordination, arm-hand steadiness, hand-eye coordination. Color discrimination. Good personal hygiene.		
Interpersonal/ Social – Requires dependability, integrity, initiative, preferring to work with others and being personally connected with others on the job, plus the ability to work independently, guiding oneself with little or no supervision and self-control.		
Other Occupational/Program Considerations – Requires standing for long periods of time, tolerance to heat, ability to work in a fast-pace environment, attention to detail, exposure to all food types including known allergens. Students will daily: wash dishes/pots/pans, scrub floors, trash removal. Students will weekly: scrub hoods, scrub floor drains/trash cans, de-lime dishwashers.		