

DENTAL ASSISTING
CAREER PATHWAY

Medical Equipment Preparer • Dental Assistant • Dental Laboratory Technician • Dental Hygienist • Dentist • Orthodontist

	CAREER TECHNICAL COURSE NAME & SUBJECT CODE	RECOMMENDED ACADEMICS
7		
8		
9		
10		
11	Medical and Dental Office Technology Dental Technology* Dental Radiography*	
12	Oral Diagnosis and Treatment Planning Health Science Capstone	

INDUSTRY CREDENTIAL OPPORTUNITIES

Ohio State Dental Board - Dental Assistant Radiographer's Certificate - CJ35 - **6 Points**
American Medical Technologists - Registered Dental Assistant (RDA) - CA37 - **6 Points**
OSHA - 10-Hour Training* - **1 Point** (College Credit - CTS001 - 1 Credit Hour)
CPR / First Aid - **1 Point**
Blood Borne Pathogens - **1 Point**

POSTSECONDARY OPPORTUNITIES

*Indicates statewide articulated credit. Please reference course descriptions for semester hours and agreement number on the postsecondary articulated credits. Additional college credit may be available through bi-lateral agreements. Please see a school counselor for details on available bi-lateral agreements.

BHCC ADULT EDUCATION	HOURS

POTENTIAL PLACEMENT & INCOME – $

**May 2025 State Occupational Employment and Wage Estimates for Ohio*

Medical Equipment Preparer | **$45,540**
Dental Assistant | **$52,370**
Dental Laboratory Technician | **$53,090**
Dental Hygienist | **$89,900**
Dentist (General) | **$180,440**
Dentist (Other Specialists) | **$186,660**
Orthodontist | **$206,430**

BUCKEYE HILLS CAREER CENTER

v20261109

DENTAL ASSISTING CAREER PATHWAY

SUBJECT CODE **072155**

11th GRADE

MEDICAL AND DENTAL OFFICE TECHNOLOGY

Students will apply fundamental principles of communication, leadership, technology and management as it applies to the medical office setting. Students will demonstrate documentation and record keeping procedures set forth by national accrediting organizations.

SUBJECT CODE **072075**

11th GRADE

COLLEGE CREDIT

CTAG CTDA001

2 CREDIT HOURS

DENTAL TECHNOLOGY

Students will demonstrate knowledge and skills associated with the practice of dentistry. Topics include principles of dental procedures and comprehensive dental care; infection control in dentistry; and dental specialties including radiology and laboratory procedures. Students will perform chair-side assisting techniques including instrument sterilization, fluoride applications, dietary analysis, and assisting physician. Emphasis is given to terminology, instruments and equipment, and patient communication. Additionally, students maintain accounts and inventory, records and appointments.

SUBJECT CODE **072076**

11th GRADE

COLLEGE CREDIT

CTAG CTDA002

1 CREDIT HOURS

DENTAL RADIOGRAPHY

Students will perform procedures to expose, process, and interpret dental radiographs. Students will apply knowledge of radiation physics, infection prevention and quality control standards that are appropriate to the clinical setting. Students will apply effective communication skills for interacting with diverse patient populations and proper procedure documentation according to business and industry standards.

SUBJECT CODE **072080**

12th GRADE

ORAL DIAGNOSIS AND TREATMENT PLANNING

Students gain knowledge of head and neck anatomy with a focus on the oral cavity and teeth. They will study bone structure, cosmetic dentistry, and tooth identification and numbering systems. Students gain knowledge of chemical and physical properties of dental materials, their indications for use, and proper manipulation of the materials. Students perform radiographs, impressions, pouring, trimming, and wax bites methods and techniques. Additionally, students educate the patient on dental procedures and comprehensive dental care.

SUBJECT CODE **072105**

12th GRADE

HEALTH SCIENCE CAPSTONE

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Health Sciences programs in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

Buckeye Hills Career Center | 351 Buckeye Hills Road | Rio Grande, OH 45674 | 740.245.5334 | buckeyehills.net

Career-technical education does not discriminate on the basis of race, color, national origin, sex, disability, or age for participation in any program or activity. Lack of English language proficiency will not be a barrier to admission and participation in career-technical education programs or courses.