

# Dental Assisting

## Curriculum Plan 2022-2023

Area of Concentration: JN

CTSO: HOSA & Skills USA

### Program Courses

| EMIS Course Code | Course Name                    | Grade | Is this course a CTAG? |
|------------------|--------------------------------|-------|------------------------|
| 072075           | Dental Technology              | 10    | Yes                    |
| 072080           | Oral Diagnosis and Treatment   | 11    | No                     |
| 072155           | Medical and Dental Office Tech | 11    | No                     |
| 072076           | Dental Radiography             | 12    | Yes                    |
| 072105           | Health Science Capstone        | 12    | N/A                    |

### Industry Credentials/Certifications

| Industry Credentials Offered   | ODE Points Available | Completed during Grade |
|--|----------------------|------------------------|
| Ohio State Dental Board- Dental Assistant Radiographer's Certificate | 6                    | 12                     |
| American Medical Technologist- Registered Dental Assistant           | 6                    | 12                     |

### College Credit Opportunities

| Course Name                              | College | Credit Hours | Completed during Grade |
|--|---------|--------------|------------------------|
| CTDA001 Introduction to Dental Assisting | CTAG    | 2            | 10                     |
| CTDA002 Dental Radiography               | CTAG    | 1            | 12                     |

### Work-Based Learning Opportunities

|                                    |  |
|------------------------------------|--|
| On the job placement opportunities |  |
| CTSO competitions                  |  |

### Tasks

- Assist practitioners to perform medical procedures.
- Clean medical equipment.
- Prepare medical instruments or equipment for use.
- Maintain medical records.
- Explain technical medical information to patients.
- Inventory medical supplies or equipment.
- Operate medical equipment.
- Teach medical procedures or medical equipment use to patients.
- Interview patients to gather medical information.
- Record vital statistics or other health information.
- Administer basic health care or medical treatments.
- Process medical billing information.
- Schedule patient procedures or appointments.
- Make patient-assistive devices or device models.
- Fit patients for assistive devices.

# DENTAL ASSISTING

## Program of Study

Aligned with Sinclair – Dental Hygiene DEH.S.AAS

|                  |    |            |                            |                                    |                     |          |                                     |                                       |
|------------------|----|------------|----------------------------|------------------------------------|---------------------|----------|-------------------------------------|---------------------------------------|
| <b>Secondary</b> | 9  | English 9  | Algebra I or Geometry      | Physical Science                   | World History       | PE/PE    | Health/Career Exploration           | Elective                              |
|                  | 10 | English 10 | Geometry or Algebra II     | Biology                            | U.S. History        | Elective | <b>Dental Technology 072075</b>     |                                       |
|                  | 11 | English 11 | Algebra II or Pre-Calculus | Chemistry or Environmental Science | American Government | Elective | Oral Diagnosis and Treatment 072080 | Medical and Dental Office Tech 072155 |
|                  | 12 | English 12 | Adv Math                   | Elective                           | Elective            | Elective | <b>Dental Radiography 072076</b>    | Health Science Capstone 072105        |

|                       |                                  |   |   |                                       |  |                                   |   |   |  |
|-----------------------|----------------------------------|---|---|---------------------------------------|--|-----------------------------------|---|---|--|
| <b>Post-Secondary</b> | Program Prerequisites            | BIO 1141 Prin Anat & Physio I                     |   | BIO 1147 Lab for Prin Anat & Physio I |  | DEH 1102 Intro to Dental Hygiene  |   | ALH 1101 Intro to Healthcare Delivery   |  |
|                       |                                  | MAT 1130 Math in Health Sciences                  |   | ENG 1101 English Comp I               |  | CHE 1111 Intro to Chemistry I     |   | CHE 1151 Lab for Intro to Chemistry I   |  |
|                       | Fall Year 1                      | DEH 1202 / DEH 1203 Head Neck & Dental Anat / Lab | DEH 1204 /DEH 1205 Preclinical Dent Hyg I / Lab | DEH 1206 Nutrition & oral Health      |  | DEH 1304 Oral Histo & Embryo      | BIO 1242 / Bio 1248 Prin Anat & Physio II / Lab | BIO 2205 / BIO 2206 Microbiology / Lab  |  |
|                       | Spring Year 1                    | DEH 1302 / DEH 1303 Preclinical Dent Hyg II /Lab  |   | DEH 1305 Med Emerg in Dental Prac     |  | DEH 1306 General & Oral Pathology |   | DEH 1308/DEH 1309 Dental Radiology/ Lab |  |
|                       | Summer Year 1                    | DEH 2402 Clinic Dental Hyg I                      |   | DEH 2403 Dental Hyg Clinic I          |  | DEH 2504 Dental Hygiene Research  |   | PSY 1100 General Psychology             |  |
|                       | Fall Year 2                      | DEH 2502 Pharmacology                             | DEH 2503 Pain Control                           |                                       | DEH 2506 / DEH 2507 Dental Materials / Lab |                                   | DEH 2508 Clin Dental Hygiene II                 | DEH 2509 Dent Hyg Clinic II             |  |
| Spring Year 2         | DEH 2601 Community Dental Health | DEH 2602 Clinic Dent Hyg III                      |   | DEH 2603 Dent Hyg Clinic III          |  | DEH 2604 Dental Hygiene Practice  | SOC 1101 Intro to Sociology                     |   |  |

|            |                 |                              |   |
|------------|-----------------|------------------------------|---|
| <b>Key</b> | Required Course | Recommended Elective Courses | High School Career-Technical Courses<br><b>Bold =College Credit Opportunity</b> |
|------------|-----------------|------------------------------|---|

