

Dental Assisting: Scope & Sequence

Semester 1, Year 1 (90 Days)

DEN101 - Dental Assisting I

District Pre-Assessment

Unit Name: (1) Oral Anatomy (20 Days/10 Lab Days)

- Oral Embryology & Histology
 - Landmarks of the Face & Oral Anatomy
 - Oral Pathology
 - Tooth Morphology
 - Tooth Numbering Systems
 - OSHA Bloodborne Pathogens
 - CTSO Integration (Leadership Skills): HOSA
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4
Work-based Learning: Stop the Bleed Training, Post-Secondary Field Trip
Technical Standard: 4.1-6

Unit Name: (2) Basic Dental Science (5 days/2 Lab Days)

- General Anatomy
 - Head & Neck Anatomy
 - CTSO Integration (Leadership Skills): HOSA Meeting, HOSA Officer Elections, HOSA Officer Training, HOSA State Officer Visit
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4
Work-based Learning: Guest Speaker
Technical Standard: 4.1-6

CTSO FLEX Conference

Unit Name: (3) CPR & BLS First Aid (10 Days/5 Lab Days)

- CPR/BLS/AED
 - Emergency Management
 - Vital Signs
 - CTSO Integration (Leadership Skills): HOSA Meeting
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, 5.NF.B.3
Work-based Learning: Community Service Event
Technical Standard: 12.1-.4, 13.1-.5

Certification: AHA CPR and First Aid Exam

Unit Name: (4) Infection Control (15 Days/8 Lab Days)

- Intro to Microbiology
- OSHA Bloodborne Pathogens
- OSHA Hazard Communications
- CDC guidelines for Dental Healthcare Workers
- Infection Control Procedures

- Management of Hazardous Materials
 - CTSO Integration (Leadership Skills): HOSA
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, 5.NF.B.3, B.6, 6.RP.A.3
Work-based Learning: Community Service Event
Technical Standard: 3.1-14

Unit Name: (5) Oral Health (20 Days/10 Lab Days)

- Preventive Techniques
 - Nutrition
 - CTSO Integration (Leadership Skills): HOSA Fall Conference
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, 5.NF.B.3, B.6, 6.RP.A.3
Work-based Learning: Community Service Event
Technical Standard: 3.1, 3.2, 11.1-.6, 12.4, 13.1-.5

Certification: OSHA 10

Unit Name: (6) Computer Applications (10 Days/5 Lab Days)

- Technology Application
 - Dental Management Software
 - Electronic Dental Charting
 - Patient Records/Med HX
 - Clinical Charting
 - AZ and Federal Laws (HIPAA)
 - CTSO Integration (Leadership Skills): HOSA Meeting, HOSA Testing
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, ELA.11-12.W.4, ELA.11-12.W.5, ELA.11-12.SL.4, ELA.11-12.RI.10, 5.NF.B.3, 5.NF.B.6
Work-Based Learning: Guest Speaker
Technical Standard: 2.1-.4, 1`3.3-13.5

Certification: HIPAA

Semester 2, Year 1 (90 Days)

DEN 102 - Dental Assisting II

CTSO Regionals & Online Testing

Unit Name: (7) Coronal Polish (30 Days/(15 Lab Days)

- Dental Stains
 - Abrasive Agents
 - Polishing Techniques
 - Patient and Operator Positioning
 - CTSO Integration (Leadership Skills): HOSA Fall Conference
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, 5.NF.B.3, B.6, 6.RP.A.3
Work-based Learning: Community Service Event
Technical Standard: 11.1, 11.5, 7.8, 7.9

Certification: DANB Coronal Polish Certification

Unit Name: (8) Clinical Dental Procedures (40 Days)/(20 Lab Days)

- Basic Chairside Assisting
 - Instrument Identification
 - Isolation & Oral Evacuation
 - Instrument Transfer
 - Amalgam
 - Composite
 - Lab Procedures
 - The Dental Team
 - Basic Communication
 - CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser, HOSA Officer Elections, HOSA International Conference
- Professional Skills: 1.A-D, 2.A-C, 4.A-F, 5.A-E, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, 5.NF.B.3, B.6
Work-Based Learning: Hands-on Clinical Experience
Technical Standard: 1.6, 1.7, 1.9, 1.10, 3.3-.13, 5.1-4, 6.7, 9.1-8, 11.1, 13.4

Unit Name: (9) Job Shadow Experience (5 Days/5 Lab Days)

- Industry partner opportunities
 - First-hand career experience
 - CTSO Integration (Leadership Skills): HOSA Meeting, HOSA
- Professional Standards: 1.A-D, 4.A-F, 5.A-E, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, ELA.11-12.W.4, ELA.11-12.W.5, ELA.11-12.SL.4, ELA.11-12.RI.10
Work-Based Learning: Community Service Event, Job Shadow
Technical Standard: 13.1-.5

Unit Name: (10) Anesthesia & Sedation (10 Days/5 Lab Days)

- Pharmacology
 - Anesthetics
 - Sedation Techniques
 - CTSO Integration (Leadership Skills): HOSA State
- Professional Skills: 1.A-D, 4.A-F, 6.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, 5.NF.B.3, 5.NF.B.6
Work-Based Learning: Clinical Experience
Technical Standard: 6.1-.8, 10.1-.5, 12.1-.4

District Post-Assessment

Semester 1, Year 2 (90 Days)

DEN201 - Dental Assisting III

Unit Name: (1) Infection Control (5 Days/3 Lab Days)

- Lab Safety
 - CTSO Integration (Leadership Skills): HOSA Meeting, HOSA Officer Training
- Professional Skills: 2.A, 2.B, 3.B, 3.C
Academic Standards: ELA.11-12.L.4
Work-Based Learning: Guest Speaker
Technical Standard: 3.1-.14, 5.1-.4

Unit Name: (2) Dental Radiography (80 Days/40 Lab Days)

- Introduction to Radiography & Equipment
 - Production of Dental Radiographs
 - Evaluation of Dental Radiographs
 - Extraoral Radiography
 - CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser, HOSA State Officer Visit, HOSA Week
- Professional Skills: 1.A-C, 2.B, 3.B, 3.D, 4.A-F, 6.A-C, 7.A-C, 8.A-I
Academic Standards: ELA.11-12.L.4, ELA.11-12.W.2, ELA.11-12.L.6, 5.NF.B.3, 5.NF.B.6, 5.NF.B.7
Work-Based Learning: Hands-on Clinical Experience
Technical Standard: 8.1-.9, 14.1-.5

Certification: DANB Radiation Health and Safety

Semester Exam

Semester 2, Year 2 (90 Days)

DEN202 - Dental Assisting IV

Unit Name: (3) Externship Preparation (5 Days/2 Lab Days)

- Resume Writing
 - Mock Interviews
 - CTSO Integration (Leadership Skills): HOSA Meeting, HOSA International Conference
- Professional Standards: 1.D, 3.A, 4.A-F, 5.A-E
Academic Standards: ELA.11-12.L.4, ELA.11-12.W.4, ELA.11-12.W.5, ELA.11-12.SL.4, ELA.11-12.SL.6, ELA.11-12.W.5, ELA.11-12.RI.10
Work-Based Learning: Guest Speaker, Resume Writing, Mock Interviews
Technical Standard: 13.1-.5, 14.1-.5

Unit Name: (4) Externship Experience (40 Days)/(40 Lab Days)

- Industry partner opportunities
 - First-hand clinical experience
 - CTSO Integration (Leadership Skills): HOSA Meeting
- Professional Standards: 1.A-D, 2.B, 3.B, 3.D, 3.E, 4.A-F, 5.A-E, 8.A-I

Academic Standards: ELA.11-12.L.4, ELA.11-12.W.4,
ELA.11-12.W.5, ELA.11-12.SL.4, ELA.11-12.RI.10
Technical Standards: 14.1-.5

Work-Based Learning: Guest Speaker, Community Service
Event, Externship

Unit Name: (5) Dental Specialties (30 Days/16 Lab Days)

- Endodontics, Periodontics, Orthodontics, Prosthodontics
Procedures and Tray Set-up; Lab Procedures
 - CTSO Integration (Leadership Skills): HOSA Meeting, HOSA
State Conference
 - Professional Skills: 1.A-D, 2.A-C, 4.A-F, 6.A-C, 8.A-I
 - Academic Standards: ELA.11-12.L.4
 - Work-Based Learning: Guest Speaker, Community Service
Event, CADS Industry Partnership
- Technical Standard: 3.5-.7, 3.12,4.6, 5.2, 6.5-.8, 7.1-.9, 9.2,
9.4, 14.2

**Unit Name: (6) Dental Office Management (10 Days/5 Lab
Days)**

- Inventory and Supplies
 - Office Business Procedures
 - CTSO Integration (Leadership Skills): HOSA
- Professional Standards: 2.B, 7.A-C, 8.I, 9.A-9.C
Academic Standards: ELA.11-12.L.4, ELA.11-12.W.4,
ELA.11-12.W.5, ELA.11-12.SL.4, ELA.11-12.RI.10, 5.NF.B.3,
5.NF.B.6, 6.RP.A.3, 7.RP.A.3, A-CED.A.1,
Work-Based Learning: Guest Speaker
Technical Standard: 1.1-.12, 2.1-.4,10.1-.5, 13.1-.5, 14.1-.5

ADE Skill Standards Assessment

Dental Assisting National Board (DANB)
Common AZCCR Math Standards (CAMs)
English Language Arts Standards (ELAS)
Health Occupations Students of America (HOSA)