

# Dental Assisting: Scope & Sequence

## Semester 1, Year 1

DEN101 - Dental Assisting I  
(88 days)

### District Pre-Assessment

#### Unit Name: (1) Introduction to Dental Assisting (7 Days)

- History of Dental
  - The Dental Team
  - Basic Communication
  - AZ and Federal Laws (HIPAA)
  - Dental Assisting National Board
  - CTSO Integration (Leadership Skills): Introduction to HOSA, HOSA Meeting
- Professional Standards: 1.A-D, 4.A-F, 6.A-C, 8.A-I  
Academic Standards: ELA.11-12.L.4  
Work-based Learning: Career Exploration Activities, Guest Speaker  
Technical Standard: 1.7, 1.11, 13.1-.5, 14.1-5

#### Unit Name: (2) Basic Dental Science (8 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

#### Unit Name: (3) Oral Anatomy (20 Days)

- Oral Embryology & Histology
  - Landmarks of the Face & Oral Anatomy
  - Oral Pathology
  - Tooth Morphology
  - Tooth Numbering Systems
  - 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

### CTSO FLEX Conference

#### Unit Name: (4) CPR & BLS First Aid (5 Days)

- CPR/BLS/AED
- Emergency Management

- 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: (5) Oral Health (10 Days)

- Preventive Techniques
  - Coronal Polishing
  - 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: DANB Coronal Polish Certification Prep

#### Unit Name: (6) Infection Control (30 Days)

- Intro to Microbiology
  - OSHA Blood borne 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

### Certification: OSHA 10

## Semester 2, Year 1

DEN 102 - Dental Assisting II  
(92 days)

### CTSO Regionals & Online Testing

#### Unit Name: (7) Computer Applications (8 Days)

- Technology Application
  - Dental Management Software
  - Electronic Dental Charting
  - 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

**Unit Name: (8) Introduction to Patient Care (20 Days)**

- Intro to Chairside Assisting
  - Patient Records/Med HX
  - Vital Signs
  - Clinical Charting
  - CTSO Integration (Leadership Skills): HOSA
- Professional Skills: 1.A-D, 4.A-F, 5.A-E, 6.A-C, 8.A-I

Academic Standards: ELA.11-12.L.4

Work-Based Learning: Resume Writing, Mock Interview, Community Service Event, CADS Industry Partnership

Technical Standard: 2.1-.4, 3.1-.14, 10.1-.5, 12.1

**Certification: HIPAA**

**Unit Name: (9) Job Shadow Experience (5 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 (7 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

**Unit Name: (11) Clinical Dental Procedures (40 Days)**

- Basic Chairside Assisting
- Instrument Identification
- Isolation & Oral Evacuation
- Instrument Transfer
- Amalgam
- Composite
- Lab Procedures

- 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: 1.9, 1.10, 3.3-.13, 5.1-4, 6.7, 9.1-8

**District Post-Assessment**

**Semester 1, Year 2**

DEN201 - Dental Assisting III

**Unit Name: (1) Infection Control (5 Days)**

- Lab Safety
  - CTSO Integration (Leadership Skills): HOSA Meeting
- 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 (50 Days)**

- Introduction to Radiography & Equipment
  - Production of Dental Radiographs
  - Evaluation of Dental Radiographs
  - Extraoral Radiography
  - Digital Radiography
  - CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser, HOSA Officer Training, 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**

**Unit Name: (3) Introduction to Dental Specialities (7 Days)**

- Endodontics
  - Endo Procedures
  - Tray Setup
  - Lab Procedures
  - CTSO Integration (Leadership Skills): HOSA Meeting, 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
- Work-Based Learning: Post-Secondary Field Trip
- Technical Standard: 5.2, 9.2, 9.4, 14.2

**Unit Name: (4) Oral and Maxillofacial Surgery (7 Days)**

- Oral Surgery Procedures
  - Tray Set-Up
  - Lab Procedures
  - 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, 5.NF.B.6  
 Work-Based Learning: Guest Speaker  
 Technical Standard: 3.5-.7, 3.12,4.6, 5.2, 6.5-.8, 9.2, 9.4, 14.2

**Unit Name: (5) Orthodontics (7 Days)**

- Orthodontic Procedures
  - Tray Setup
  - Lab Procedures
  - CTSO Integration (Leadership Skills): HOSA
- Professional Skills: 1.A-D, 2.A-C, 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, Post-Secondary Field Trip  
 Technical Standard: 3.5-.7, 3.12,4.6, 5.2, 6.5-.8, 9.2, 9.4, 14.2

**Unit Name: (6) Preventive Dentistry (7 Days)**

- Pediatric Dentistry
  - Fluoride & Sealants
  - Lab Procedures
  - CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser
- Professional Skills: 1.A-D, 2.A-C, 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: Community Service Event  
 Technical Standards: 11.1-.6, 14.2, 14.5

**Semester Exam****Semester 2, Year 2**

DEN202 - Dental Assisting IV

**Unit Name: (7) Externship Experience (20 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: (8) Periodontics (15 Days)**

- Periodontal Disease
  - Lab Procedures
  - CTSO Integration (Leadership Skills): HOSA
- 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, Hands-on Clinical Experience  
 Technical Standard: 3.5-.7, 3.12,4.6, 5.2, 6.5-.8, 9.2, 9.4, 14.2

**Unit Name: (9) Removable Prosthodontics (7 Days)**

- Dentures & Lab Procedures
  - CTSO Integration (Leadership Skills): HOSA Meeting
  - 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: (10) Fixed Prosthodontics (10 Days)**

- Crown & Bridge & Lab Procedures
  - CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser, Dental Assistant Recognition Week
- 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  
 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: (11) Dental Materials (10 Days)**

- Dental Cements
  - Restorative Materials
  - Provisional Coverage
  - Impression Materials
  - CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser, HOSA Conference Prep
- Professional Skills: 1.A-D, 2.A-C, 4.A-F, 6.A-C, 8.A-I  
 Academic Standards: ELA.11-12.L.4, 5.NF.B.3  
 Work-Based Learning: Guest Speaker, Hands-on Clinical Experience  
 Technical Standard: 5.1, 7.1-.9, 9.3, 9.5, 9.6

**Unit Name: (12) Dental Office Management (15 Days)**

- Inventory and Supplies
- Office Business Procedures

- CTSO Integration (Leadership Skills): HOSA Meeting/Fundraiser, HOSA State Conference
- 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

**Unit Name: (13) Professionalism (10 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

**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)