Dental Assisting: Scope & Sequence

Semester 1, Year 1 (90 Days)

DEN101 - Dental Assisting I

District Pre-Assessment

Unit Name: (1) Oral Anatomy

- 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
10 Class Days/10 Lab Days; 25 class hours/ 25 lab hours

Unit Name: (2) Basic Dental Science

- 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
3 Class Days/2 Lab Days; 7.5 class hours/ 5 lab hours

Unit Name: (3) CPR & BLS First Aid

- 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
5 Class Days/5 Lab Days; 12.5 class hours/12.5 lab hours

Unit Name: (4) Infection Control

- 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
7 Class Days/8 Lab Days, 17.5 class hours/ 20 lab hours

Unit Name: (5) Oral Health

- 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
10 Class Days/10 Lab Days, 25 class hours/ 25 lab hours

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

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● 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

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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)

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