## COURSE SYLLABUS

**Course Title:** Essential Chairside Functions for the Dental Assistant

**Department:** Allied Health

**Curriculum:** Dental Assisting

**Course Code:** DAS*140

**Prerequisites:**
- C- or better in Integrated Reading and Writing II (ENG*075) OR Introduction to College Reading & Writing (ENG*093) OR Introduction to College English (ENG*096) OR Reading & Writing VI (ESL*162), or placement into Composition (ENG*101), AND C or better in Basic Medical Support

**Course Descriptors:**
- Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.

**Course Type:**
- C: Clinical
- L: Lecture
- N: Internship
- P: Practicum
- U: Studio
- X: Combined Lecture/Lab
- Y: Combined Lecture/Studio

**Course Credit Hours:** 4

**Corequisites:**
- Oral Anatomy for the DA
- Dental Materials for the DA
- Preventative Dentistry

**Other Requirements:**
- Current Certification in CPR/First Aid

**Ability Based Education (ABE) Statement:**
At Tunxis Community College students are assessed on the knowledge and skills they have learned. The faculty identified the General Education Abilities critical to students' success in their professional and personal lives. In every class, students are assessed on course abilities, sometimes program abilities, and, in most classes, at least one General Education Ability. Students will receive an evaluation of the degree to which they have demonstrated or not demonstrated that General Education Ability.

**Credit Hours:**
- Lecture: 3
- Clinical: 4
- Lab: 0
- Studio: 0
- Other: 0

**Contact Hours:**
- TOTAL: 7

**Class Maximum:**
- Lec 24
- Clin. 12

**Semesters Offered:** F

**Date submitted:** Feb. 2015 (AAC: 16-11)
**Catalog Course Description:**

Provides basic knowledge and skill application for chairside dental assisting procedures including professionalism, infection control, recording of patient medical and dental history, and data collection in all aspects of dentistry. Student didactic and laboratory activities are coordinated to become proficient and efficient in general dentistry chairside performance and be familiar with the different dental specialties.

**Topical Outline:**

| 1. Operatory Preparation and Infection Control |
| 2. Patient Preparation and Dismissal |
| 3. Medical History/Dental History/Vital Signs |
| 4. Intra and Extra Oral Examination |
| 5. Restorative and Periodontal Charting |
| 6. General Dentistry: Restorative Instruments and tray set-ups |
| 7. Topical and Local Anesthesia Set-up/Delivery |
| 8. Isolation Procedures |
| 9. Assisting with the application of matrix systems |
| 10. Dental Health Care Team |
| 11. Four handed dentistry and Ergonomics |
| 13. Taking Preliminary Impressions |
| 14. Cleaning and polishing removable dental appliances |
| 15. Identifying and assisting procedures in dental emergencies |
| 16. The Patient with Special Needs |

**Outcomes:**

Upon successful completion of this course, the student will be able to do the following:

**COURSE:**

1. identify and implement methods to prevent disease transmission
2. record information presented on medical and dental histories
3. perform, record and interpret patient vital signs
4. recognize and chart dental and periodontal conditions and findings
5. identify and demonstrate proper positioning of equipment for the dentist, assistant, and patient/client
6. identify and assemble armamentarium/supplies for various procedures and assist in delivery of care
7. set up armamentarium and exchange topical anesthetic and/or anesthetic syringe with the clinician
8. prepare and assist in application of isolation techniques
9. assemble a matrix retainer/band system and demonstrate proper exchange of the system and wedge(s) in placement and removal
10. demonstrate proper technique assisting in restorative, endodontic, prosthodontic, surgical, periodontal, orthodontic and dental emergencies/pediatric procedures

**PROGRAM:** (Numbering reflects Program Outcomes as they appear in the college catalog)

**Dental Assisting Certificate Program:**

1. Dental Assisting Process of Care - provides care to all clients without regard to economic, social, cultural religious of health status. This is based upon an individualized human need, evidenced based system which includes assessment, anticipation of operator’s needs, implementation, education and evaluation.
<table>
<thead>
<tr>
<th><strong>GENERAL EDUCATION:</strong> (Numbering reflects General Education Outcomes as they appear in the college catalog)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. <strong>Critical Analysis/ Logical Thinking</strong> - Students will be able to organize, interpret, and evaluate evidence and ideas within and across disciplines; draw reasoned inferences and defensible conclusions; and solve problems and make decisions based on analytical processes.</td>
</tr>
<tr>
<td><strong>Demonstrates:</strong> Identifies the issue(s); formulates an argument; explains and analyzes relationships clearly; draws reasonable inferences and conclusions that are logical and defensible; provides support by evaluating credible sources of evidence necessary to justify conclusions.</td>
</tr>
<tr>
<td><strong>Does Not Demonstrate:</strong> Identifies few or no issues; formulates an argument without significant focus; provides an unclear explanation of analysis and relationships; drawing few reasonable inferences and conclusions that are illogical and indefensible; provides little to no support using credible sources of evidence necessary to justify conclusions.</td>
</tr>
</tbody>
</table>

**Evaluation:**

List how the above outcomes will be assessed.

Assessment will be based on the following criteria:

1. Quizzes
2. Examinations
3. Laboratory and Simulation Clinical Assignments/Evaluations
4. Projects/Assignments

**Instructional Resources:**

List library (e.g. books, journals, online resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.

**Required:** [No special facilities are required. Or list what is required.]

**Desired:**

- Bird DL, Robinson DS. *Torres and Ehrlich Modern Dental Assisting*, Latest Edition