# Dental Assisting

**Course Description**

**Catalog Year:** 2018, **Required Hours:** 1425

## Required Core Courses (1425 hours required)

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<tr>
<th>Dental Assisting (1425 hours required)</th>
<th>Hours</th>
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<tr>
<td><strong>MATH100016</strong> Math I</td>
<td>60.00</td>
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This course offers an introduction to basic mathematics, including operations with whole numbers, fractions, and decimals, as well as proportions, averages and percentages. Students are prepared for more advanced mathematics.

- Competencies:
  - Perform different operations with whole numbers
  - Perform different operations with fractions
  - Perform different operations with decimals
  - Solve simple problems with proportions, percentages and averages

| **DENA1012** Dental Terminology | 15.00 |

This course instructs the fundamentals of dental terminology. Students will explore dental prefix, body and suffix syllables as well as basic structuring of terms commonly used in the dental setting. Skills learned in this course will enable students to apply dental terminology in a workplace scenario.

| **DENA1032** Dental Assisting Anatomy and Physiology | 90.00 |

This course provides the student with an overview of the anatomy and physiology of the human body, with an emphasis on head and neck anatomy. Students will overview each of the ten body systems and learn to identify the landmarks of the face and oral cavities. Students will also learn the skill of taking and recording vital signs.

| **DENA1040** Overview of Dentistry | 105.00 |

This course provides the student exposure to the legal and ethical issues that impact the dental office. Students will explore the basic principles of ethics, ADAA Code of Ethics, and HIPPA laws that relate to dentistry. Students will also be exposed to an overview of the dental profession and the dental fundamentals of oral histology, dentitions, embryology and tooth morphology.

| **DENA1050** Infection Control | 125.00 |

This course provides students with the necessary foundation in microbiology to understand the organisms that cause dental disease. Basic concepts of how infectious disease can be spread in dental offices are emphasized. The step-by-step procedures taught in this course will guide students through disinfection, sterilization, instrument processing, and personal protective equipment.

| **DENA1060** Preventive Dentistry | 70.00 |

This course will introduce students to dental caries and periodontal diseases. Students will learn how nutrition impacts oral health. Preventive measures that can be used to improve oral health and prevent dental diseases will be explored. Patient records will be introduced and students will acquire charting skills.

| **DENA1070** Dental Materials | 55.00 |

This course overviews concepts related to the properties and utilization of dental materials. Students will explore restorative and esthetic materials, dental cements, impression materials, liners and bonds, and the preparation of dental materials.

| **DENA2011** Dental Assisting Clinical Procedures I | 85.00 |

In this course, students will explore the techniques for chairside assisting as well as the management of medical emergencies in the clinic setting. Procedures for proper hand instrument and hand piece use will be taught. This course also overviews basic knowledge of pharmacology and pain control as it relates to dentistry.

| **DENA2021** Dental Assisting Clinical Procedures II | 130.00 |

This course will introduce students to the use of anesthesia in the dental setting. Restorative dental procedures and skills will be taught, as well as coronal polishing, impression skills and sealant placement.

| **DENA2061** Dental Radiology | 100.00 |

This course presents the basic information that the dental assistant needs to safely use and understand radiation in the dental office. Students will obtain knowledge and skills in exposing and processing intraoral and extraoral radiographs including the various techniques used for each. Students will retain the necessary skills and knowledge required to earn the Utah State Radiation Health and Safety certificate that is necessary for employment as a dental assistant.

| **DENA2032** Dental Assisting Clinical Procedures III | 170.00 |

This course explores dental clinical concepts related to prosthodontics, endodontics, periodontics, oral surgery, pediatric dentistry and orthodontics. Students will learn skills in the preparation, construction, and placement of cast restorations, including single crowns and bridges. Learners will obtain basic knowledge and skills in specialty areas such as oral surgery, dental implant procedures, orthodontics, and pediatric treatment.

| **DENA2102** Dental Office Administrative Procedures | 75.00 |

This course provides students with the knowledge and skills necessary in the dental office setting. Students will explore basic bookkeeping practices, oral and written communications, as well as business operating systems that are vital to the operations of a dental practice including records management, appointment scheduling, recall systems and inventory management. Students will acquire the skills for both manual and electronic insurance processes.
MEDA1301  Psychology and Workplace Relations for Healthcare Professionals  45.00
This course will provide the student with basic principles of psychology required in a health care environment. As well as, aid student to develop essential human-relation skills needed to maintain gainful and satisfying employment. This course includes familiarization with problematic areas found in the workforce, including solving problems, understanding relationships and diversity, increasing personal ethics, and developing strong personal, interpersonal, and human relation skills specific to health occupations.
Competencies:
• Identify developmental stages of the life cycle
• Describe hereditary, cultural and environmental influences on behavior
• Outline issues of mental health and applied psychology

DENA2306  Dental Assisting Externship  240.00
This course allows the dental assistant student the opportunity to demonstrate their clinical and administrative skills in a health care setting. This is a non-paid externship that takes place in a working dental office or clinic under the supervision of a licensed dentist.
Competencies:
• Perform clinical procedures
• Demonstrate the attributes of a professional dental assistant
• Record clinical experiences along with date and times

WKSK1107  Introduction to Computers  30.00
Introduction to Computers introduces basic computer tasks using Windows, typing with a word processor, navigating the web, and working with email.

DENA1501  Job Seeking Skills - Dental  30.00
Prepares students to apply for a job and get it! This course will present job-seeking skills needed to find gainful employment.

Optional Courses (0 hours required)

Dental Assisting (0 hours required)  Hours

DENA1906  Skills USA (Dental Assisting)  100.00
Students who participate in Skills USA will take this course.