

# RESTORATIVE DENTAL TECHNOLOGY – ASSOCIATE IN SCIENCE DEGREE, CERTIFICATE OF ACHIEVEMENT

Top Code:

1240.30

The Pasadena City College RESTORATIVE DENTAL TECHNOLOGY PROGRAM curriculum prepares a student for employment in a private or commercial dental laboratory, dental office, or research laboratory performing restorative dental techniques and procedures required for the fabrication of dental prostheses. Emphasis is on fundamental and advanced laboratory procedures and concepts in all specialized areas as represented by courses in removable complete dentures, crown and fixed partial dentures, dental ceramics, removable partial dentures, implants, digital dentistry CAD-CAM (three levels), and orthodontics and pedodontics. Instruction includes courses in intraoral and facial structures, dental materials, two levels of dental anatomy, articulator instrumentation, functional anatomy, dental calculations, dental laboratory management, jurisprudence, and legalities, as well as workplace readiness and dental communications. Students learn in two fully equipped, state-of-the-art laboratories dedicated to fixed and removable prosthetic fabrication and a digital dentistry workflow area. Students learn from caring, dedicated, and experienced faculty.

The Restorative Dental Technology Program is accredited by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA), a specialized accrediting body recognized by the United States Department of Education. The Program is also a member of the National Association of Dental Laboratories (NADL). Upon successfully completing the curriculum, a student is eligible to take the written Recognized Graduate Certified Dental Technician Examination given by the National Board for Certification.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better. Pasadena City College will also award an Associate in Science Degree with a major in Restorative Dental Technology upon successful completion of courses prescribed for the Certificate of Achievement in the Restorative Dental Technology Program and completion of general education classes. Please consult with a college counselor or the college catalog for more information.

Requirements for admission into the Restorative Dental Technology program are:

1. Graduated from the U.S. accredited high school, GED, or the equivalent with a 2.0 GPA.
2. One set of high school and college transcripts.
3. After acceptance into the program, submit a completed health data form evidencing good health, including required immunization records.

## Program Outcomes

- Demonstrate competence in performing basic and advanced level laboratory procedures and techniques required to design and fabricate fixed and removable dental prostheses and basic orthodontic appliances appropriate for an entry-level restorative dental technologist as verified by skills and knowledge specified in the American Dental Association (ADA) Commission on Dental Accreditation (CODA) Standards for Dental Laboratory Technology.
- Apply basic knowledge of physical properties, uses and manipulation of dental materials to insure proper materials are used in correct proportions for specific restorative procedures and that appropriate safety and function as a member of a diverse dental team demonstrating cultural sensitivity.

## Requirements for the Certificate of Achievement

Code	Title	Units
<b>Semester I</b>		
RDT 125A	BEGINNING FIXED PROSTHODONTICS	4
RDT 130A	BEGINNING COMPLETE DENTURES	4
RDT 135A	BEGINNING DENTAL ANATOMY	2.5
RDT 140A	BEGINNING DIGITAL DENTISTRY CAD CAM I	1.5
RDT 145	DENTAL MATERIALS	2
RDT 150	DENTAL COMMUNICATION AND WORKPLACE READINESS SKILLS	0.5
<b>Semester II</b>		
RDT 125B	INTERMEDIATE FIXED PROSTHODONTICS	5
RDT 130B	ADVANCED COMPLETE DENTURES	5
RDT 135B	INTERMEDIATE DENTAL ANATOMY	2.5
RDT 140B	INTERMEDIATE DIGITAL DENTISTRY CAD CAM II	1.5
RDT 155	ANATOMY OF ORAL AND FACIAL STRUCTURES	1
RDT 160	DENTAL CALCULATIONS, WEIGHTS AND MEASURES	0.5
<b>Semester III</b>		
RDT 225A	BEGINNING REMOVABLE PARTIAL DENTURES (RPDs)	4
RDT 230A	INTERMEDIATE ADVANCED FIXED PROSTHODONTICS	5
RDT 235A	FUNCTIONAL OCCLUSION AND ARTICULATOR INSTRUMENTATION	2.5
RDT 240	ADVANCED DIGITAL DENTISTRY CAD CAM III	1.5
RDT 245	ORTHODONTICS AND PEDODONTICS	3
RDT 250	LABORATORY BUS. MGMT/ ADMIN, LEGALITIES, ETHICS AND JURISPRUDENCE	1
<b>Semester IV</b>		
RDT 225B	ADVANCED REMOVABLE PARTIAL DENTURES (RPDs)	3
RDT 230B	ADVANCED FIXED PROSTHODONTICS	5
RDT 235B	ADVANCED FUNCTIONAL OCCLUSION AND BIOMECHANICS OF THE MASTICATORY SYSTEM	2.5
RDT 255	INTRODUCTION TO DENTAL IMPLANTS	2

RDT 260	TRANSITION TO THE RESTORATIVE DENTAL TECHNOLOGY PROFESSION	1.5
RDT 265	CLINICAL EXPERIENCE	3
<b>Total Units</b>		<b>64</b>

## General Education Requirements for the Associate in Science Degree

- General Information (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/>)
- PCC Local Gen Ed (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#pcclocaltext>)
- Students who have previously been awarded a bachelor's degree or higher from a U.S. institutionally accredited institution shall be deemed to have fulfilled the general education and elective course requirements for the Associate in Science degree.
- Cal-GETC (<https://curriculum.pasadena.edu/degree-certificate-requirements/#calgetctext>)
- Students with rights to the former general education patterns can complete IGETC or CSU GE in lieu of Cal-GETC. Students should consult with an Academic Counselor to determine which general education pattern to complete and may refer to an appropriate archived College Catalog (<https://pasadena-curr.courseleaf.com/previous-catalogs/>) or [www.assist.org](http://www.assist.org) (<https://www.assist.org/>) for more information.

Visit the Program Mapper (<https://pasadena-city.programmapper.ws/academics/interest-clusters/8353468c-9ac9-4b4b-a310-843b126d204c/programs/8bdef0c4-1f4b-31d7-62ef-ed9a2233ed15>) for a suggested sequence of courses.