

Associate in Applied Science

Program Description:

One year of training at the Putnam Career and Technical Center (PCTC) and thirty-one hours credit at Marshall Community & Technical College will result in an Associate in Applied Science degree in Dental Laboratory Technology. Students will follow the Putnam County school calendar while completing the Dental Laboratory Technology courses, and attend the PCTC every day from 8:30 a.m.-3:00 p.m. during the technical portion of the program.

Career Outlook:

Dental Laboratory Technicians make and repair dental appliances such as dentures, crowns, and braces. Specializations are available in various aspects of the work prescribed by dentists and orthodontists: Crown and Bridge Technicians, Metal Dental Technicians, Partial Denture Technicians, Dental Ceramists and Orthodontic Technicians. Most dental laboratory technicians work in commercial dental laboratories employing 2 to 20 people. Employment opportunities are available in private dental offices, dental schools, hospitals, and companies that manufacture dental prosthetic materials.

Most job openings will arise from the need to replace technicians who transfer to other occupations or who leave the labor force. During the last few years, demand has arisen from an aging public that is growing increasingly interested in cosmetic prostheses. For example, many dental laboratories are filling orders for composite fillings that are the same shade of white as natural teeth to replace older, less attractive fillings.

Salary Forecast:

Median hourly earnings of dental laboratory technicians were \$14.93 in May 2004. The middle 50 percent earned between \$11.18 and \$19.71 an hour. The lowest 10 percent earned less than \$8.86, and the highest 10 percent earned more than \$25.48 an hour. Median hourly earnings of dental laboratory technicians in May 2004 were \$15.95 in offices of dentists and \$14.40 in medical equipment and supplies manufacturing. Dental technicians in large laboratories tend to specialize in a few procedures and, therefore, tend to be paid a lower wage than those employed in small laboratories that perform a variety of tasks.

(Information obtained from Occupational Outlook Handbook, 2006-2007)

Admission Requirements:

The college adheres to an open admissions policy which means applicants with a high school diploma or a GED are eligible for admission into MCTC. Applicants with neither a high school diploma nor a GED may be admitted on a conditional basis.

Employment Opportunities:

- Dental labs
- Private dental offices
- Dental schools
- Dental labs that manufacture prosthetic materials

Major Code - CD10

FIRST YEAR¹	
<p>First Semester²</p> <p>DLT 101 Introduction to Dental Technology³ (EDGE)..... 6 (1st 9 weeks)</p> <p>DLT 104 Complete Dentures (EDGE) 9 (2nd 9 weeks)</p> <p>TOTAL CREDITS..... 15</p>	<p>Second Semester</p> <p>DLT 108 Partial Dentures (EDGE).....9 (1st 9 weeks)</p> <p>DLT 112 Inlays/Crowns/Bridges/Ceramics (EDGE) 10 (2nd 9 weeks)</p> <p>DLT 116 Clinical Experience⁴ (EDGE)..... 1 (2nd 9 weeks)</p> <p>TOTAL CREDITS 20</p>
SECOND YEAR	
<p>Third Semester</p> <p>AH 151 Medical Terminology (EDGE) 3</p> <p>ENL 111 Written Communication 3</p> <p>IT 101 Fundamentals of Computers (EDGE) 3</p> <p>MG 101 Introduction to Business (EDGE) 3</p> <p>SCI 120 Basics in Physical Science 4</p> <p>TOTAL CREDITS..... 16</p>	<p>Fourth Semester</p> <p>COM 112 Oral Communication 3</p> <p>BIOL 257 Introduction to Anatomy & Physiology (EDGE)....3</p> <p>MAT 115 Business Mathematics 3</p> <p>MG 202 Business Organization & Management⁵ 3</p> <p>SS 215 Lifespan Psychology 3</p> <p>TOTAL CREDITS 15</p>
HOURS REQUIRED FOR GRADUATION: 66	

Earn A Degree Graduate Early (Edge):

This program provides students the opportunity to receive credit for their high school EDGE courses.

Contact Information:

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1. Dental Laboratory Technology courses are delivered at Putnam Career and Technical Center at Eleanor, W. Va.
 2. All first semester Dental Laboratory Technology courses must be completed with a "C" or better before student can register for second semester coursework.
 3. DLT 101 has a prerequisite of admission to the Dental Laboratory Technology Program.
 4. DLT 116 has a prerequisite of DLT 101, DLT 104, DLT 108 and co-requisite of DLT 112.
 5. MG 202 has prerequisite of MG 101.