



1. Catalog description of the program (program goals and objective)

De Anza College's Medical Laboratory Technology program prepares students for healthcare careers within the clinical laboratory setting. Medical Laboratory Technicians are licensed member of the allied health team in California. They can perform waived and moderately-waived clinical laboratory tests on specimens: blood, urine, etc. These tests are used to diagnose certain medical conditions and diseases. Although the licensure of Medical Laboratory Technicians (MLTs) is relatively recent in California, MLTs have long been members of the healthcare team in other states in the U.S. The program requires interested applicants to complete a series of prerequisite courses in human analogy and physiology, chemistry, and microbiology. De Anza College's Medical Laboratory Technology program proper includes lecture and laboratory courses in clinical chemistry, hematology, and microbiology. All students must complete an extensive series of clinical practica to reinforce classroom and lab course content. The program offers an A.A. degree and Certificate of Achievement-Advanced to those who already possess an associate's degree or higher.

De Anza College's Medical Laboratory Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and approved by the California Department of Health Services/Laboratory Field Services. Program completers are authorized to sit for national certification examinations. De Anza College was one of the first Medical Laboratory Technology programs in California to be approved by the California Community College System Office. The department coordinator is very supportive of other colleges wishing to develop new programs. She is also very engaged with the clinical laboratory facilities at area hospitals and has increased the number of clinical placement opportunities for students. De Anza College's Medical Laboratory Technology program is committed to providing a career ladder in clinical laboratory careers. The program has strong partnerships with the Phlebotomy program offered via De Anza's Health Technologies and the Clinical Laboratory Science (CLS) program

at San Jose State University. Many individuals interested in Medical Laboratory Technology program first complete their phlebotomy certification at De Anza and may later continue their studies at SJSU.

2. Certificate and degree programs offered (title and units)

Certificate of Achievement-Advanced – **Medical Laboratory Technology** – 88-91 units
A.A. Degree – **Medical Laboratory Technology** – 88-91 units plus General Education

3. Program-level Student Learning Outcomes

4. Data on certificate and degree awards for previous year (2009-10)

Associate in Arts degrees

Medical Laboratory Technology – 1

5. Regional and State Labor Market Data

Employment opportunities for Medical Laboratory Technology program graduates exist in a hospital and stand-alone laboratories. Medical laboratory technicians work under the supervision of clinical laboratory scientists. As the incorporation of these newly licensed clinical laboratory professionals continues to expand and the reliance on laboratory diagnostic tests increases, there will be a growing number of opportunities for medical laboratory technicians. According to the California Employment Development Department's Labor Market Information data for the San Jose-Sunnyvale-Santa Clara MSA, there are projected to be 27 combined annual openings for the period 2006-2016 for medical and clinical laboratory technicians with a strong growth rate of 14.3%. The demand for medical and clinical laboratory technicians around California is projected to continue to grow with 610 total annual openings projected for the period 2008-2018 at a growth rate of 20%.

6. Areas for new course and/or program development

7. Recommendations of Advisory Committee (retain or delete program)