

2009-2010 Assessment Report Medical Technology Program

Program Goals: 1) To prepare students as competent Medical Technology professionals as defined by the program's local and regional community; by the National Accreditation Agency for Clinical Laboratory Science, and by the national examination matrices, 2) To prepare students who will assume leadership roles in the Medical Technology/Clinical Laboratory Science profession and in the College of Health Professions, and 3) To provide students with a relevant, current curriculum which addresses and meets the demands of the changing technology and practice in the profession.

Program Objectives	Assessment Methods/Data *	Responsibility	Results/Response
Upon completion of the program the student will demonstrate the ability to comprehend, apply, and evaluate information relative to the role of a medical technologist.	Four comprehensive written exams are given during last 5 months of the clinical practicum with a minimum grade of 70%; National Credentialing Board examination scores (with mean score equal or greater than the national minimum pass level); clinical practicum evaluations	Dept. chair & faculty	Comprehensive exams: 96% pass rate (2009 calendar year) Board exam scores: 100% pass rate (81.6% pass rate nationally, 2009 calendar year) Clinical evaluations: 100% pass rate (2009 calendar year) Response: no response
Upon completion of the program, students will demonstrate technical proficiency in all skills required to practice in the profession	Clinical practicum evaluations completed by clinical instructors at the end of the student practicum; results of employer and graduate surveys (completed every 2-3 years)	Dept. chair & faculty	Clinical evaluations: need for more specific preparation for antibody identification procedures as practiced in affiliate laboratories Employer surveys: need for additional phlebotomy experience Graduate surveys: need for more specific preparation for antibody identification procedures as practiced in affiliate laboratories; additional time in serology; increased time in fluid differentials Response: increased student lab and clinical practice for phlebotomy, encourage joint effort of school and clinical affiliates to introduce antibody identification procedures, increased time duration increased for serology; student lab time increased for fluid differentials
Upon completion of the program, students will demonstrate the ability to effectively communicate and interact with patients, physicians, and other health professionals in a manner consistent with employer standards.	Affective evaluations completed by clinical instructors at the end of the each clinical rotation; employer surveys	Dept. chair & faculty	Affective evaluations: 100% pass rate (2009 calendar year) Employer and graduate surveys: need for increased communication skills, i.e. medical terminology, test coding and knowledge of health professions roles other than MT Response: add medical terminology to curriculum as a pre-requisite, increase awareness of coding and health professions in management course

Program Objectives	Assessment Methods/Data	Responsibility	Results/Changes
Performs assigned analysis to meet acceptable laboratory standards.	Clinical practicum evaluations completed by clinical instructors at the end of the rotation	Dept. chair, clinical and didactic faculty	Clinical evaluations: all respondents stated that they would hire WSU MT graduate, all respondents rated the quality of WSU MT training and education as excellent or good Response: no response
Comprehends the theoretical aspects related to the performance of laboratory analysis.	Clinical practicum evaluations; consultation with clinical faculty; advisor board and faculty meetings.	Dept. chair and faculty	Clinical evaluations: all respondents rated graduates' knowledge of needed for the job as excellent or good Comprehensive exams: 96% pass rate Advisory board and faculty meetings: students progressing appropriately Response: no response
Within five years after graduation, 25% of graduates will become involved in administrative, educational or other leadership roles in the employment setting or professional organizations.	Employer surveys; graduate surveys	Dept. chair & faculty	Employer surveys: flexibility of management projects during clinical techniques practicum are helpful Graduate surveys: all graduates agree that the program prepares graduates who will assume leadership roles in the medical technology profession. graduates accepting leadership roles in professional organizations Response: encourage participation in student professional organizations and local professional organization meetings
Program graduates will be able to function as entry level Medical Technologists, requiring no more than the usual orientation time.	Employer and graduate surveys every two years for all graduates; seven year documents and on-site inspections by the National Accreditation Agency for Clinical Laboratory Science/Medical Technology, and curriculum review and revision every two years or as needed to assess the program's curriculum validity and relevancy.	Dept. chair & faculty	Employer surveys: all respondents stated that they would hire WSU MT graduate, all respondents rated the quality of WSU MT training and education as excellent or good Graduate surveys: all graduates agree or strongly agree that the program prepares graduates who are competent, entry level medical technologists Accreditation reports: accredited for 7 years (longest duration given by NAACLS) Response: no change
Exhibits attitudes consistent with professionalism and concern for quality health care.	Employer surveys, graduate evaluations	Dept. chair & faculty	Employer and graduate surveys: need for increased knowledge of health professions roles other than MT Response: increase awareness of health professions roles in management course

* Clinical evaluations, cumulative exam results and national board scores represent data collected for the calendar year 2009
Employer and graduate surveys were completed in July, 2010