### 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.

<table>
<thead>
<tr>
<th>Program Objectives</th>
<th>Assessment Methods/Data *</th>
<th>Responsibility</th>
<th>Results/Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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</td>
<td>Dept. chair &amp; faculty</td>
<td>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) <strong>Response:</strong> no response</td>
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<td>Upon completion of the program, students will demonstrate technical proficiency in all skills required to practice in the profession</td>
<td>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)</td>
<td>Dept. chair &amp; faculty</td>
<td>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 <strong>Response:</strong> increased student lab and clinical practice for phlebotomy, encourage joint effort of school and clinical affiliates to introduce antibody identification procedures, increased time duration for serology; student lab time increased for fluid differentials</td>
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<td>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.</td>
<td>Affective evaluations completed by clinical instructors at the end of each clinical rotation; employer surveys</td>
<td>Dept. chair &amp; faculty</td>
<td>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 <strong>Response:</strong> add medical terminology to curriculum as a pre-requisite, increase awareness of coding and health professions in management course</td>
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<tr>
<td>Program Objectives</td>
<td>Assessment Methods/Data</td>
<td>Responsibility</td>
<td>Results/Changes</td>
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| 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 is student professional organizations and local professional organization meetings |
| Program graduates will be able to functions 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*