

**SAINT LOUIS UNIVERSITY
DOISY COLLEGE OF HEALTH SCIENCES
CYTOTECHNOLOGY PROGRAM
ASSESSMENT PLAN**

MISSION: In the tradition of the broader University and the Edward and Margaret Doisy College of Health Sciences, the Department of Biomedical Laboratory Science has as its' mission, the service of humanity through the education of health care professions in the laboratory sciences. It further strives to promote professional scholarship and support community service programs.

As an academic department, we are committed to the pursuit of truth through research, publication, and other scholarly endeavors. Our faculty members are singularly dedicated to effective and innovative educational methodologies. It is, therefore, our intent to develop these requisite competencies and values in our students and encourage each individual to attain his or her fullest potential.

The department's pursuit of this mission is rooted in Judaeo-Christian doctrine, nourished by the spirit of the Gospels, and guided by the educational philosophies of the Society of Jesus.

Goals:

- 1. Demonstrate entry level competencies by functioning effectively in the Cognitive, Affective and Psychomotor Domains.**
- 2. Recognize and Respect the diversity of both patients and other healthcare providers by engaging in evidence based practice.**
- 3. Communicate complex anatomic pathology information effectively in written, verbal and photographic forms**
- 4. Adhere to Professional, Legal and Ethical standards governing the delivery of healthcare and Cytotechnology practice**
- 5. Conduct the practice of a Cytotechnologist in a professional manner while acting as a steward of the profession for other students, colleagues and the public thorough education and research into the art and science of Cytotechnology practice**

Goal #1: Demonstrate entry level competencies by functioning effectively in the Cognitive, Affective and Psychomotor Domains.

Outcome "Students will"	Assessment Tool	Direct/ Indirect	Benchmark	Assessment Schedule/Person Responsible	Analysis/Action Plan
1. Recognize microscopic changes in cells and tissue that are the result of benign, infectious and neoplastic etiologies and report these findings to pathologists in a timely manner.	1. Analyze assignment content & exam responses that align with the corresponding program objective. (Each CT course) 2. Clinical Evaluation 3. Alumni Survey 4. Employer Survey	1. D 2. I 3. I 4. I	1. Students will earn $\geq 70\%$ on all assignments and exam questions related to outcome. 2. Average of $> 80\%$ 3. Mean score of at least 4/5 on all pertinent survey questions. 4. Mean score of at least 4/5 on all pertinent survey questions.	1. CT PD will collect data each summer. 2. CT PD will collect data each summer. 3. Discuss at Dept. Mtg. (summer) / CT PD 4. Discussed at Dept. Mtg. (Fall Semester)/ CT PD	
2. Formulate accurate correlations while synthesizing data from various sources (EMR, LIS, etc.), and other providers.	1. Clinical Evaluation 2. Alumni Survey 3. Employer Survey	1. I 2. I 3. I	1. Average of $> 80\%$ 2. Mean score of at least 4/5 on all pertinent survey questions. 3. Mean score of at least 4/5 on all pertinent survey questions.	1. CT PD will collect data each summer. 2. Discuss at Dept. Mtg (November) / CT PD 3. Discuss at Dept. Mtg. (Fall Semester)/ CT PD	
3. Embrace and actively participate in systems based approaches to error reduction while ensuring safety & ongoing process improvement in test performance.	1. Clinical Evaluation 2. Alumni Survey 3. Employer Survey	1. I 2. I 3. I	1. Average of $> 80\%$ 2. Mean score of at least 4/5 on all pertinent survey questions. 3. Mean score of at least 4/5 on all pertinent survey questions.	1. CT PD will collect data each summer. 2. Discuss at Dept. Mtg. (November) / CT PD 3. Discuss at department level (Fall Semester)/ CT PD	

Goal #2: Recognize and Respect the diversity of both patients and other healthcare providers by engaging in evidence based practice.

Outcome "Students will"	Assessment Tool	Direct/ Indirect	Benchmark	Assessment Schedule/Person Responsible	Analysis/Action Plan
1. Apply the principles of quality assurance, problem solving, and critical thinking to resolve issues related to pre-analytical, analytical, and post-analytical laboratory processes.	1. Analyze assignment content & exam responses that align with the program objective. (Each CT course) 2. Clinical Evaluation 3. Alumni Survey 4. Employer Survey	1. D 2. I 3. I 4. I	1. Students will earn $\geq 70\%$ on all assignments and exam questions related to outcome. 2. Average of $\geq 80\%$ 3. Mean score of at least 4/5 on all pertinent questions. 4. Mean score of at least 4/5 on all pertinent questions.	1. CT PD will collect data each summer. 2. CT PD will collect data each summer. 3. Discuss at Dept. Mtg. (Nov.) / CT PD 4. Discuss at Dept. Mtg. (Fall Semester)/CT PD	
1. Demonstrate a commitment to life-long learning by earning advanced degrees and/or participation in continuing education activities.	1. Alumni survey 2. Employer Survey	1. I 2. I	1. $\geq 50\%$ of graduates will pursue and be accepted into graduate or professional schools at some point in their career. 2. $>80\%$ of graduates employed after graduation will participate in continuing education activities.	1. Discuss at Dept. Mtg. (November) /CT PD 2. Discuss Dept. Mtg. in the Fall / CT PD	

Goal #3: Communicate complex anatomic pathology information effectively in written, verbal and photographic forms.

Outcome "Students will"	Assessment Tool	Direct/ Indirect	Benchmark	Assessment Schedule/Person Responsible	Analysis/Action Plan
1. Demonstrate effective communication skills in the academic, clinical and patient care environments.	1. Clinical Evaluation 2. Employer Survey 3. Alumni Survey	1. I 2. I 3. I	1. Average of $\geq 80\%$ 2. Mean score of at least 4/5 on all survey questions. 3. Mean score of at least 4/5 on all survey questions	1. CT PD will collect data each summer. 2. Discuss at Dept. Mtg. (Fall Semester) / CT PD 3. Discuss at Dept. Mtg. (November)/CT PD	
2. Develop a written case study project that demonstrates writing proficiency.	1. Case study grading rubric.	1. D	1. Students will earn $\geq 70\%$ on the case study project	1. CT PD will collect data each summer.	
3. Deliver an oral presentation that demonstrates oral communication skills.	1. Oral presentation grading rubric.	1. D	1. Students will earn $\geq 70\%$ on the oral presentation.	1. CT PD will collect data each summer.	

Goal #4: Adhere to Professional, Legal and Ethical standards governing the delivery of healthcare and Cytotechnology practice.

Outcome "Students will"	Assessment Tool	Direct/ Indirect	Benchmark	Assessment Schedule/Person Responsible	Analysis/Action Plan
1. Maintain professional, legal, and ethical standards	1. Clinical Evaluation 2. Employer Survey 3. Alumni Survey	1. I 2. I 3. I	1. Average of > 80% 2. Mean score of at least 4/5 on all pertinent survey questions. 3. Mean score of at least 4/5 on all pertinent survey questions.	1. CT PD will collect data each summer. 2. Discuss at Dept. Mtg. (Fall Semester) / CT PD 3. Discuss at Dept. Mtg. (November)/CT PD	
2. Commit themselves to fair and equitable practice.	1. Employer Survey	1. I	2. Mean score of at least 4/5 on all pertinent survey questions.	1. Discuss at Dept. Mtg. Fall / CT PD	
3. Display a special concern for the poor and disadvantaged within society.	1. Student Services Log 2. Alumni Survey	1. I 2. I	1. >50% of students will participate in 2 or more service activities during their UG program 2. Mean score of at least 4/5 on all pertinent survey questions.	1. 1X per semester at faculty mentoring sessions / faculty mentor 2. Discus at Dept. Mtg. (November)/ CT PD	
4. Display respect for human life and the dignity of each person.	1. Employer Survey 2. Alumni Survey	1. I 2. I	1. Mean score of at least 4/5 on all pertinent survey questions. 2. Mean score of at least 4/5 on all pertinent survey questions.	1. Discuss at Dept. Mtg. in the Fall / CT PD 2. Discuss at Dept. Mtg. (November) / CT PD	
5. Adhere to those principles found in their respective professional code of ethics.	1. Employer Survey	1. I	1. Mean score of at least 4/5 on all pertinent survey questions.	1. Discuss at Dept. Mtg. in the Fall / CT PD	

Goal #5: Conduct the practice of a Cytotechnologist in a professional manner while acting as a steward of the profession for other students, colleagues and the public through education and research into the art and science of Cytotechnology practice

Outcome "Student will"	Assessment Tool	Direct/ Indirect	Benchmark	Assessment Schedule/Person Responsible	Analysis/Action Plan
1. Demonstrate professionalism and collegiality in the workplace.	1. Clinical Evaluation 2. Employer Survey	1. I 2. I	1. Average of $\geq 80\%$ on professional Affective Evaluations in all Didactic and Clinical CT Courses 2. Mean score of at least 4/5 on all pertinent survey questions for graduates employed after graduation.	1. Discuss at Dept. Mtg. (Summer)/CT PD 2. Discuss at Dept. Mtg. in the Fall / CT PD	
2. Engage in the training of students and new employees	1. Employer Survey 2. Alumni Survey	1. I 2. I	1. Mean score of at least 4/5 on all pertinent survey questions. 2. Mean score of at least 4/5 on all pertinent survey questions.	1. Discuss at Dept. Mtg. in the Fall / CT PD 2. Discuss at Dept. Mtg. (November) / CT PD	