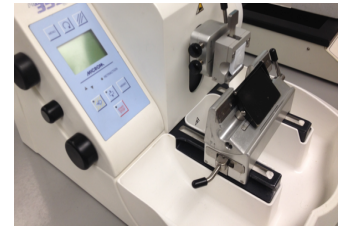
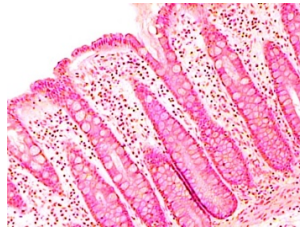


## JOIN THE MERRITT HISTOTECHNICIAN PROGRAM

As a histotechnician (HT) you will learn how to prepare colorful slides by cutting and staining tissues so that they can be used in the diagnosis of disease and in research. This prepares you for fascinating and rewarding careers in hospitals, diagnostic labs and biotech.

Today, there are more jobs for histotechnicians than trained people to fill those jobs. The future long-term employment forecasts look bright. The need is great everywhere throughout the country. Average starting pay is \$35 per hour, with rapid promotions. Job openings for qualified histotechnicians can be found in:

- hospitals
- clinics
- dermapathology labs
- public health facilities
- biotech and pharmaceutical research labs
- veterinary pathology labs
- marine biology labs
- forensic pathology labs
- genomics diagnostic labs
- university and college labs

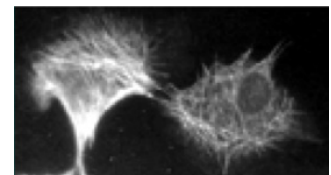


- HTs are medical specialists who play a critical role in the allied health professions.
- HTs prepare very thin slices of human, animal or plant tissue for microscopic examination, an important part of the process of medical investigation used in establishing and confirming patient diagnosis.
- Because of an HT's skillful application of laboratory techniques, the invisible world of tissue structure becomes visible under a microscope.

### *Start here!*

- Sign up for these three courses in Fall 2017:  
**BIOSC 2 - THEORY AND PRACTICE OF OPTICAL MICROSCOPY**  
**BIOSC 10 - FLUORESCENCE MICROSCOPY LABORATORY**  
**BIOSC (#) - CYTOLOGY (coming soon!)**

- Biosc 2 and 10 are foundational for both the Microscopy and Histotech Programs; there are no prerequisites - everyone is welcome to start in August.
- All courses are held on nights and weekends.
- You will experience career exploration, acquire extensive hands-on training, and learn theory and practice in a collaborative environment that supports your skills and goals.
- The MHP is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS); our graduates have a 100% pass rate on the American Society for Clinical Pathology (ASCP) national certification test.



**For more information contact MHP Director Brian Rowning, Ph.D.**  
**[browning@peralta.edu](mailto:browning@peralta.edu)**  
**<http://www.merritt.edu/wp/histotech/>**

**MERRITT HISTOTECHNICIAN PROGRAM**  
**CERTIFICATE OF ACHIEVEMENT IN HISTOTECHNOLOGY**  
**2017 Outline of Coursework Progression**

**ANY SEMESTER** (19-20 units) "CAPM" courses

- Chemistry 30A, Introductory General Chemistry 4 units (Prerequisite: Math 201 or 210D or 208)  
OR Chemistry 1A, General Chemistry (5 units) (Prerequisite: Math 203 or 211D)
- Biology 2, Human Anatomy (5 units) AND Biology 4, Human Physiology (5 units) (Prereq: Chem 30A or 1A)  
OR Biology 20A, Human Anatomy and Physiology (5 units)  
AND Biology 20B, Human Anatomy and Physiology (5 units)
- Biology 3, Microbiology (5 units)

**ANY SEMESTER** (but ideally in 2<sup>nd</sup> semester or Summer) (3.5 units) MMP and MHP "Breadth" courses

- Biosci 5, Good Lab Practices (1unit)
- Biosci 6, Survey of Biotech Industry (1unit)
- Biosci 7, Mammalian Cell Culture (1unit)
- Biosci 11, Lab Safety and Ethics (.5 units)

**FIRST SEMESTER** (11 units) Certificate of Proficiency in Optical Microscopy (with breadth courses)

Prerequisites: None

Recommended preparation: Biosci 20, any biology, including "CAPM" and "Breadth" courses.

- Biosci 2, Theory and Practice of Optical Microscopy (5 units)
- Biosci 10, Fluorescence Microscopy Lab (3 units)
- Biosci \_\_, Cytology (3 units) - coming soon!



**SECOND SEMESTER** (10 units) "HT Specific Courses"

Prerequisite: Certificate of Proficiency in Optical Microscopy

Recommended Preparation: Chemistry, Anatomy.

- Biosci 9, Histology (5 units)
- Biosci 55, Beginning Histotechniques (4 units)
- Biosci 8, Immunohistochemistry (1unit)

**THIRD SEMESTER** (10 units) "HT Specific Courses"

Prerequisites: Biosci 55

Recommended preparation: Physiology, Microbiology.

- Biosci 56, Advanced Histotechniques (4 units)
- Biosci 57, Advanced Immunohistochemistry (2 units)
- Biosci 30, Genomics Theory (4 units)



**FOURTH SEMESTER/SUMMER** (4 units) Clinical Rotation for Qualified Students

Prerequisite: Biosci 56 and "CAPM", Microscopy and other Histotech courses completed.

- Coped 476G: Occupational Work Experience in Histotechnology (4 units)

*For career information see*  
<https://www.ascp.org/content/functional-nav/career-center>

**Merritt Microscopy Program  
and Merritt Histotech Program**

**announce**

**Open Houses this Summer!**

**Friday June 23<sup>rd</sup>  
Tuesday July 18<sup>th</sup>  
Friday August 4<sup>th</sup>**

**Each happening from 4:00PM – 7:00PM**

Location:

Merritt College  
12500 Campus Dr.  
Oakland, CA 94619

First floor of the newest building in the Peralta system,  
the **Barbara Lee Science and Allied Health Center “S” building**

*You can drop in any time during the three Open Houses, ask questions about the programs and classes, and tour the classrooms and labs where you'll learn.*