

# OPHTHALMIC MEDICAL TECHNOLOGY

[pcc.edu/programs/opthalmic/](http://pcc.edu/programs/opthalmic/)

## CAREER AND PROGRAM DESCRIPTION

Those training in the Ophthalmic Medical Technology Program develop skills to perform ophthalmic procedures under the supervision of a licensed physician. These procedures include: medical histories, diagnostic tests, refractometry, anatomical and functional ocular measurements and tests, administration of topical ophthalmic and oral medications, instructing patients, maintaining equipment, sterilizing surgical instruments, assisting in minor ophthalmic surgery and assisting in the fitting of contact lenses. Ophthalmic Medical Technology is a rapidly expanding field and a growing demand exists for technicians.

The Ophthalmic Program is a limited entry program with restricted enrollment. The program is limited to 24-28 students. Only those students who have been officially admitted to the Ophthalmic Medical Technology Program may enroll in OMT courses. Professionals in the field may be admitted when space is available. The program begins fall term only.

This program is designed to correlate classroom and laboratory experiences with clinical experience in ophthalmic offices and clinics and prepares students to function under the supervision of a licensed physician.

This program is accredited by the International Council of Accreditation (ICA). Students in the OMT program will test for national certification as an ophthalmic technician during term seven of the program.

## DEGREE AND CERTIFICATE OFFERED ASSOCIATE OF APPLIED SCIENCE DEGREE

Ophthalmic Medical Technology

### Academic Prerequisites

- Completion of WR 121Z, (BI 121 & BI 122) or BI 120, MP 111, MP 135 and (MTH 58 or MTH 65, or any course for which one of these is a prerequisite) with a "C" or "P" or better.
- This is a limited entry program. A complete application including two recommendation forms and unofficial transcripts from any colleges attended other than PCC is required.

### Academic Requirements

- Students may consult with faculty advisor about alternative approaches to completing portions of the Ophthalmic Medical Technology curricula.
- To advance to the next term students must successfully complete all of the previous term's coursework by receiving a grade of Pass or C or better.

### Non-Academic Prerequisites

- Students must have working knowledge or background of basic computer skills including Windows, Internet and e-mail.
- Program advising session with a Cascade Allied Health Admissions Coordinator is recommended.

### Non-Academic Requirements

- After admission to the program, but before beginning practicum, students will be required to complete some or all of the following: criminal background check, proof of immunizations, and a ten-panel drug screening. There will be a cost to the student associated with completing this requirement.

- Students must have transportation to practicum facilities throughout the Portland metropolitan area.

## OPHTHALMIC MEDICAL TECHNOLOGY AAS DEGREE

Minimum 91 credits. Students must also meet Associate Degree Comprehensive Requirements and Associate of Applied Science Requirements. Students must complete a total of four courses of General Education. Some courses specified within the program may be used as General Education. A maximum of 35 Pass/No Pass credits are allowed in the Ophthalmic Medical Technology AAS Degree. In addition to required courses in the program of study, students must satisfy MTH 58/65 competency. Students should consult with program advisors for course planning.

### Course of Study

The coursework listed below is required.

| Code                         | Title  | Credits |
|------------------------------|--|---------|
| MP 113                       | Healthcare Provider CPR/AED, First Aid/<br>Bloodborne Pathogens    | 1       |
| MP 135                       | Pharmacology for Allied Health                                     | 3       |
| OMT 102                      | Ocular Disease   | 2       |
| OMT 103                      | Ocular Pharmacology  | 2       |
| OMT 104                      | Ophthalmic Office Procedures                                       | 3       |
| OMT 106                      | Introduction to Clinical Skills                                    | 3       |
| OMT 115                      | Introduction to Ophthalmics  | 2       |
| OMT 116                      | EHR in Ophthalmology   | 2       |
| OMT 122                      | Practicum I: Ophthalmic Medical<br>Technology                      | 6       |
| OMT 145                      | Clinical Optics 1  | 2       |
| OMT 146                      | Clinical Optics 2  | 2       |
| OMT 147                      | Clinical Optics 3  | 2       |
| OMT 163                      | Ocular Anatomy and Physiology                                      | 2       |
| OMT 206                      | Diagnostic Procedures I  | 4       |
| OMT 207                      | Diagnostic Procedures II   | 4       |
| OMT 208                      | Ocular Motility  | 2       |
| OMT 209                      | Surgical Assisting Procedures                                      | 4       |
| OMT 210                      | Advanced Diagnostics   | 4       |
| OMT 222                      | Practicum II: Ophthalmic Medical<br>Technology                     | 6       |
| OMT 223                      | Practicum III: Ophthalmic Medical<br>Technology                    | 6       |
| OMT 224                      | Practicum IV: Ophthalmic Medical<br>Technology                     | 6       |
| OMT 231                      | OMT Seminar I  | 2       |
| OMT 232                      | OMT Seminar II   | 1       |
| OMT 233                      | OMT Seminar III  | 1       |
| OMT 234                      | OMT Seminar IV   | 2       |
| OMT 250                      | Ophthalmic Imaging   | 2       |
| OMT 260                      | Contact Lenses   | 2       |
| PSY 101                      | Psychology and Human Relations (or any<br>other psychology course) | 4       |
| General Education: 3 courses |  |         |
| Total Credits                |  | 91      |

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Could be used as General Education