

# Intraoperative Neuromonitoring (IONM) Certificate Program



# Labouré College

## Program Information

**Length:** Two semesters, each semester is divided into two, seven-week modules

**Start Date:** Spring and Fall

**Clinical Experience:** Two semesters

This program is financial aid qualified.

Students must maintain a C or higher in each course to continue in the program and earn a certificate.

## Program of Study, Credits

### Semester 1

Introduction to NDT/Intraoperative Neuromonitoring, 2

Intraoperative Neuromonitoring, 2

Introduction to Clinical Education/Laboratory, 2-3

IONM Intraoperative Neuromonitoring II, 2

Anatomy and Physiology, 2

Clinical Education I, 3

### Semester 2

Intraoperative Neuromonitoring III/Modalities, 2

IONM Communication and Information Technology, 2

Clinical Practicum II, 2

IONM IV/ Advanced EEG and Related Procedures, 2

CNIM Prep, 1

Clinical Practicum III, 2

*(More extensive clinical experience may be necessary to further develop skills.)*

**Total credits: 19 - 25**

*(The certificate program is 19 credits for eligible applicants. An additional six credits are offered to prepare some applicants to meet eligibility requirements.)*

## More Information:

303 Adams Street, Milton, MA 02186

www.laboure.edu

Admissions: (617) 322-3575

admissions@laboure.edu

Intraoperative Neurophysiologic Monitoring (IONM) is a fast growing field that is aimed at reducing the risk of neurological deficits during and after operations that involve the central and peripheral nervous system. IONM monitorists, supervised by a physiologist or a neurologist, record electrical potentials from the nervous system during surgical operations. It is necessary to have certification to perform IONM.

An IONM monitorist performs a variety of specialized recordings, including electroencephalograms (EEG), evoked potentials (SSEP, BAEP, MEP), electromyography (EMG), cranial nerve (CN live and triggered, SEMG/TEMG) and peripheral nerve (PN) monitoring techniques.

The IONM Certificate Program at Labouré College provides high quality education for entry-level neuromonitorists. Completing the IONM Certificate Program at Labouré College indicates that students, measured by the program's goals, have demonstrated the ability to:

- Function in an entry-level IONM position as a primary monitorist under supervision, in accordance with guidelines and standards of practice established by accrediting bodies, individual facilities and state regulatory agencies.
- Meet competencies designated by the accrediting bodies and adopted by the American Society of Electroneurodiagnostic Technologists (ASET), the American Clinical Neurophysiology Society (ACNS), and the American Society of Neurophysiological Monitoring (ASNM).
- Utilize the skills necessary to collaborate as an integral part of the interdisciplinary operating room team, delivering professional, competent neuromonitoring, which results in improved patient outcomes.

This is a synchronous, hybrid program and requires travel to the College one Saturday a month during the first semester and requires weekly online class assignments. Students are required to complete 16 hours per week of clinical attendance for the duration of the program. Students must be self-motivated, independent, and have a strong desire to function as a professional member of a healthcare team. A classroom environment is created by online discussions, meetings with instructors, and record review sessions with neurophysiologists.

Students completing this program will have the opportunity to gain critical thinking skills essential to the IONM technologist, enabling the technologist to excel in the monitorist's role, and prepares the student to take the American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET) Intraoperative Neuromonitoring (CNIM) exam.

