

# Intraoperative Neurophysiologic Monitoring Certificate (CIP 51.0903) 281-756-5644

**Purpose:** Intraoperative Neurophysiologic Monitoring (IONM) is an allied health specialty for recording electrical activity arising from the brain, spinal cord, peripheral nerves, somatosensory, or motor nerve systems during various surgeries using a variety of techniques and instruments. The IONM technologist works with patients of all ages in the surgical setting of the hospitals.

## Program/Admission Requirements:

To be considered for admission to the Intraoperative Neurophysiologic Monitoring (IONM) certificate program, the applicant must:

- a. Make application to Alvin Community College and fulfill the admission requirements.
- b. Make application to the Intraoperative Neurophysiologic Monitoring (IONM) certificate program by December 1st.
- c. Hold a registry in Electroencephalography (EEG) or Evoked Potentials (EP) or an Associate Degree.
- d. Submit official transcripts from where above degree was granted.
- e. Submit appropriate registry credentials from one of the disciplines in (C) above.
- f. Complete a physical examination and immunization upon acceptance..
- g. Not currently be on suspension or academic probation.
- h. Possess a current CPR certification – AHA Health Care Provider.
- i. Agree to a background check conducted as a condition of full acceptance in the Intraoperative Neurophysiologic Monitoring (IONM) certificate program.
- j. Have completed BIOL 2401 with a grade no lower than a C prior to admission and must have completed the course within the last 5 years.

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
<b>Prerequisite</b>		
BIOL 2401	Anatomy & Physiology I	4
<b>First Semester (Spring)</b>		
IONM 1570	Intro to IONM Topics	5
ENDT 1310	Neuroanatomy Physiology	3
ENDT 2210	Evoked Potentials	2
<b>Second Semester (Summer)</b>		
IONM 1270	Modalities for Spine Surgery	2
IONM 1572	Clinical I - IONM	5
IONM 2270	Modalities in Specialty Procedures	2
ENDT 2215	Nerve Conduction Studies	2
<b>Third Semester (Fall)</b>		
*IONM 2570	Clinical II - IONM	5
ENDT 1345	Applied Electronics & Instrumentation	3
ENDT 1350	Electroencephalography	3

Total Credits Required for Intraoperative Neurophysiologic Monitoring Certificate.....36

\* Capstone Course