



# International Finishing Trades Institute (iFTI)

## FTI 1162 Occupational Noise and Hearing Conservation

### Course Information

**Course Hours:** 8

**Course Description:** This course will cover what sound and noise is and how it behaves, how hearing can be damaged hearing and different types of hearing disease, OSHA noise regulations and how to measure and control noise. This class will include multiple small group and hands-on activities including using sound level meters to measure noise from different sources, construct and evaluate engineering noise controls and evaluate a hearing conservation program.

### Course Objectives:

- Explain what sound and “noise” is and how it behaves.
- State the health effects of acute and chronic noise exposure.
- Explain the logarithmic decibel scale and compare it to the Richter Scale.
- Describe exchange rates and point out the difference between OSHA and ACGIH.
- List the OSHA and ACGIH occupational exposure limits for noise.
- Use the OSHA’s general industry noise standard 29 CFR 1910.95 and construction industry related noise standards 1926.52 and 1926.101.
- Describe the importance and components of a hearing conservation program.
- Use a sound level meter to evaluate noise from different sources and determine what portion of an 8-hour day that workers are allowed to work in those areas.
- Describe the greatest noise exposures for different IUPAT trades and describe several controls for each.
- Describe the types of hearing protection that can be used to reduce noise exposure and demonstrate how to use them.
- List the four Ps of hearing loss.

**Prerequisite/s:** None

### Instructor



**Course Lead:** Bernard Mizula

**Resume Link:** <https://iftilms.org/faculty/bernard-mizula/>

## Policies and Procedures

### COE Accreditation

The International Finishing Trades Institute (iFTI) is [accredited](#) by the Commission of the Council on Occupational Education (COE) and is entitled to the recognition and associated privileges of this designation. Accreditation is a status granted to an educational institution or program that has been found to meet or exceed stated criteria of educational quality and student achievement. Accreditation by COE is viewed as a nationally-honored seal of excellence for occupational education institutions and denotes honesty and integrity.



### iFTI Course Catalog

For a complete list of iFTI course offerings, please refer to the [iFTI Course Catalog](#).

### Diversity Statement

The iFTI champions [diversity in the workplace](#) and committed in building an inclusive culture. We believe that every person, regardless of attributes such as race, gender or sexual orientation, has an equal opportunity to find employment based on merit or while in training or the workplace. Although our union is more diverse than ever, we still have so much work to do.

### Policies and Procedures

The campus policies and procedures are found in the [Student Handbook](#).

### Travel and Lodging Reservations

Upon the receipt of the final class registration confirmation and course schedule, you will be advised to call Metropolitan Travel Service to obtain the best coach fare ticket. No air travel costs will be reimbursed if not made through Metropolitan Travel.

If you will be driving to the event, send your anticipated arrival and departure dates and times, so appropriate hotel reservations can be made. Hotel reservations will be made on your behalf after the iFTI receives your final travel itinerary.

Travel and lodging reservations will be direct billed to the iFTI. If regionally appropriate for you to drive your vehicle, the iFTI will reimburse mileage at \$.30/mile (not to exceed the lowest 30-day advance airfare, or the shortest route as determined by Google Maps). iFTI is not financially responsible for any costs associated with travel, lodging, meals or incidentals for accompanying guest(s).

In the event you must cancel, the iFTI and Metropolitan Travel Service must be notified within 7 days of the travel date or the District Council/Local Union will be responsible for any cancellation fees.

### Dress Code

The dress code for iFTI classes in Hanover, Maryland is casual. Clothing should be neat, clean, and well-kept. Please no shorts, flip flops, sleeveless shirts, worn tennis shoes, sweatpants,

sweatshirts, jeans with holes, rips, tears or any clothing that contains inappropriate language or that could be offensive. If you will be delivering a presentation / teach back, please dress in a professional manner.

Please call the iFTI at 410.564.5850 with any questions or concerns.