



International Finishing Trades Institute (iFTI)

FTI 4219 Jon Don Concrete Surface Preparation and Polishing

Course Information

Course Hours: 40

Course Description: This is a surface preparation/demolition training. Topics include: CSP Surface Profiles, Removal Methods (VCT Tile, adhesive, ceramic, thin set, carpet, adhesives), Surface Preparation Equipment (angle grinders, edge and floor grinders, scrapers, shot blasters, demolition hammers, saws), Resinous Flooring Training, Surface Prep- Engineering Details and Profile, Flooring systems & Resin Technology, Installation of top 3 systems, Jobsite Controls, Daily Installation Checklist, Mix Station, Job Task sheets, Estimating and Labor Requirements, Advanced Concrete Surface Repairs, Joint Fill, Crack Repairs, Joint Re-Build, Slab stabilization, Surface Pitting and Repair, Polished Concrete Training, Polishing Process Overview, Concrete Hardness & Diamond Tooling, Chemistry, Grouts, Hardeners, Dyes and Protection Hands-on, Processing of Concrete, Aggregate Exposure and Final Appearance, and Maintenance of Polished Concrete.

Course Objectives:

- Identify materials and apply procedures for CSP Surface Profiles.
- Demonstrate removal methods (VCT Tile, adhesive, ceramic, thin set, carpet, adhesives).
- Prepare surface equipment (angle grinders, edge and floor grinders, scrapers, shot blasters, demolition hammers, saws).
- Perform advanced concrete surface repairs.

Prerequisite/s: None

Instructor



Course Lead: Andrew Donaldson

Resume Link: <https://iftilms.org/faculty/andrew-donaldson/>

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.