

ACI Concrete Flatwork Finisher Technician

This class will meet contractors LTAP (Minnesota Local Technical Assistance Program) Specifications and DURA-CRETE ® Certification.

Topics covered: Planning slab-on-grade placement, basic concrete technology, materials and mix proportioning, placing equipment and finishing tools, instructions for placing, finishing and jointing slabs-on-grade, curing and protection of concrete, solutions for commonly asked questions and problems.

This program is designed to provide a basis for certifying experienced concrete finishers, alleviate problems related to improper field practices, upgrade the quality of concrete construction, and prepare the industry for mandatory certification. Craftsmen who upgrade their skills and credentials through ACI certification may increase their own opportunities as well as contribute to the advancement of the industry. Before taking this course, students should have a good working knowledge of the proper use of finishing tools, placing, finishing, jointing, curing and protection.

Those meeting the ACI required work experience (1500 hours per year for 3 years) and who pass the written examination with at least a 70% score, are certified as a Concrete Flatwork Finisher & Technician. ACI will also grant certification as a Concrete Flatwork Technician to those who pass the written examination with a score of at least 80%. Upon completion of the required 1500 hours work experience, a Technician can be certified as a Finisher.

- Prerequisites: None
- Fees: **ARM Member Sponsored Class:** \$1100 plus \$195 per student (ARM member sets up the room and pays the instructor. \$1100 fee due to ARM Registration Office)
ARM Sponsored Class: \$295 per student for Member/Sponsored Contractor (ARM Registration Office pays for room and instructor for an ARM Member to create a class)
Non Member: \$395 per student (ARM Registration Office pays for room and instructor for a non-ARM member to create a class)

For more information or to set up a class, contact:

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Sample Agenda

7:30 am	Registration
8:00 am	Introduction Section 1 – Planning for Slabs on Grade Section 2 – Concrete Materials, Mixture Proportioning, Control Tests
8:45 am	Section 3 – Preparation Before Placing Concrete Section 4 – Floor Flatness and Levelness
9:45 am	Break
10:00 am	Section 5 – Placing Equipment
10:30 am	Section 6 – Placing and Finishing Tools and Equipment
11:15 am	Section 7 – Procedures for Finishing Slab on Ground
12:00 pm	Lunch
12:45 pm	Section 8 – Jointing
1:15 pm	Section 9 – Curing and Protection of Concrete
2:00 pm	Section 10 – Finishing Problems and Possible Solutions
2:45 pm	Break
3:00 pm	Closed Book Exam (2-hour limit)