



## MCC ACI LOCAL CHAPTER TECH TALK TUESDAY

Tuesday, April 2, 2019  
11:30 am – 1:30 pm

Midland Hills Country Club  
2001 Fulham Street  
St. Paul, MN 55113

There is a \$35 co-pay to attend the meeting (\$25 early bird). PRE-REGISTRATION IS REQUIRED. Walk-ins may be turned away. The meeting includes a full, hot buffet lunch, materials and continuing education credits. Please check the MCC website for full event details.

MCC is an AIA CES registered provider. AIA credits may also be available.

Please check the MCC website for continuing education credit details.



Please contact Margaret Mills, the Administrator of the Minnesota Concrete Council, with any questions at 651-482-9549 or via e-mail at [margaret@mnconcretecouncil.com](mailto:margaret@mnconcretecouncil.com)

[www.mnconcretecouncil.com](http://www.mnconcretecouncil.com)

The Minnesota Concrete Council (MCC) is dedicated to advancing education, technical practice, scientific investigation and research into cast-in-place concrete construction by organizing the efforts of its member for a non-profit public service. Membership represents design, construction and support industries associated with reinforced and post-tensioned concrete construction.

## UPDATES TO ACI 318-19

The American Concrete Institute expects to publish “ACI 318-19: Building Code Requirements for Structural Concrete,” in 2019. The new edition will be the first since the reorganized format was published in 2014 and will include new and updated code provisions along with updated color illustrations for clarity.

ACI expects 318-19 to include new code provisions on topics including transverse reinforcement and shear in wide beams, hanger reinforcement, bi-directional interaction of one-way shear, and reference to ACI certifications. Existing provisions expected to receive significant updates and clarifications include two-way shear strength, ordinary walls, seismic loads, reinforcement detailing, analysis, and numerous materials requirements. Analysis methods for two-way slabs and provisions on shearheads and composite concrete columns are expected to be removed.

Specifically, in this presentation, Dr. French will provide more in-depth information on ACI 318-19 updates including the introduction of high strength reinforcement, new shear provisions for non-prestressed concrete, and the introduction of screw anchors and shear lugs. French will highlight some of the background behind the new code provisions. This presentation will be of general interest to structural engineers who design reinforced concrete systems.

Presenter:

Catherine French, Ph.D., P.E., Dist.MASCE

CSE Distinguished Professor

Director of Undergraduate Studies

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