

**PARTIAL LIST OF POTENTIAL TOPICS -  
CONSTRUCT 2019 EDUCATIONAL PROGRAM**

- Building Science and Performance
  - Building Enclosure/Envelope Issues (Commissioning of Envelopes, Thermal performance/sub-framing/thermal breaks/thermal isolation, roofing, etc.)
  - Thermal/moisture protection (Subgrade waterproofing, Moisture mitigation, NFPA Approval, etc.)
  - Codes/Code Requirements/Standards
  - Failure and remediation
- Business and Sales Topics
  - Leadership, Organizational Skills, etc.
- Certifications (CDT, CCPR, etc.)
- Constructability
  - presentations from the contractor's POV
  - Installation challenges
- Communications/collaboration
  - partnering, teambuilding
- Design
  - Design/construction working together
  - Acoustics (how to specify assemblies, etc.)
  - Accessibility/ADA/Designing for hearing/sight impaired
  - Engineering
  - Modular and pre-fabricated construction
  - Resilience (adapting for climate change, natural disasters, seismic design/ construction, etc.)
- Documents/Contracts/Systems
  - Drawings/Plans
  - Specifications (division 01, specifying testing, sessions on the different divisions, coordinating drawings and specs, developing short form/sheet specifications, etc.)
  - quality control for documents
  - Integrating drawings and specifications
  - BIM and specifications
- Equity in AEC
- Estimating and costing
- Fire Protection/Fire Suppression/Life Safety
- Forecast/future of the industry
  - Future of specifications and spec writers
- Generational gap issues
  - getting young professionals up to speed quickly to fill void left by retirees, Mentoring, etc.
- Inspirational topics
  - Inspirational architecture, overcoming obstacles, etc.
- Labor
  - Lack of technically skilled talent, how contractors are dealing with the issue, shortage of trained specifiers, etc.
- Legal/Liability
  - Ethics, Construction law, Risk Management, Fiduciary Duty, standard of care, etc.
- Materials/Methods
  - Material selection
  - New/unorthodox materials
  - Application/installation/integration
  - Hands-on application of products
  - Concrete
  - Air barriers
  - Glass
  - Masonry
  - Mass Timber
  - Concrete
  - Flooring
  - Tariffs (and associated cost issues)
- Owner Focused Sessions
  - Importance of proper documents, financing, owner benefits of Design Build and IPD, etc.
- Product Rep Focused Sessions
  - how product reps can become more valuable to project team
  - sales topics (cold calling, setting appointments, relationship building, selling w/ specifications, etc.)
- Project Management/Planning/Delivery
  - Lean Architecture
  - Project Manual
  - Communication/collaboration
  - Design build
  - Delegated design
  - Design assist
  - IPD
- Quality Control/Quality Assurance
  - field testing
  - quality assurance programs
  - Job site construction review
  - Quality of drawings
- Repair and Restoration (case histories, etc.)
  - Historic repair
- Safety and Security
- Sustainability
  - Green building applications, LEED, Maintenance, Lifecycle and Evaluation, Commissioning, maintenance and training, etc.
- Technology
  - Emerging technology, VR/AR, drones, automated construction process, fabrication, IoT, 3D printing, BIM Technology, VIM, Robotics, etc.
- And Many, Many More...