DCA Construction Codes Program Update

Revised: March 1, 2019

Ted Miltiades, Director of Codes and Industrialized Buildings
DCA Codes & Industrialized Buildings (IB) Staff

- Ted Miltiades, Director Codes & IB, 404-679-3106 or ted.miltiades@dca.ga.gov
- Jimmy Reynolds, Codes Consultant, 404-679-3104 or jim.reynolds@dca.ga.gov
- Brendan Sexton, Codes Consultant, 404-679-1739 or brendan.sexton@dca.ga.gov
- RC Connell, Industrialized Buildings Consultant, 404-679-3121 or r.c.connell@dca.ga.gov
- Donna Brown, Codes Assistant, 404-679-3118 or donna.brown@dca.ga.gov

Webpage: www.dca.ga.gov/local-government-assistance
New Mandatory Codes - January 1, 2020

- INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2015 Edition
  - OPTIONAL: 2013 ASHRAE 90.1 STANDARD FOR COMMERCIAL BUILDINGS
- INTERNATIONAL BUILDING CODE (IBC), 2018 Edition
- INTERNATIONAL RESIDENTIAL CODE (IRC), 2018 Edition
New Mandatory Codes – January 1, 2020

- INTERNATIONAL PLUMBING CODE (IPC), 2018 Edition
- INTERNATIONAL SWIMMING POOL AND SPA CODE (ISPSC), 2018 Edition
- INTERNATIONAL FUEL GAS CODE (IFGC), 2018 Edition
- INTERNATIONAL MECHANICAL CODE (IMC), 2018 Edition
- INTERNATIONAL FIRE CODE (IFC), 2018 Edition
Link to 2020 GA Amendments & Top 20 Key Code Changes

- CLICK HERE TO DOWNLOAD COPIES OF THE 2020 GA AMENDMENTS & TOP 20 KEY IBC/IRC CODE CHANGES: https://www.dca.ga.gov/node/5689
2018 IBC/IRC – Top 20 Key Code Changes

Key Changes in the 2018 International Building Code for Georgia
2018 IBC – Examples of Key Changes

- **Chapter 34 Reserved.** Changed to read ‘Existing Buildings’ and all the provisions from Chapter 34 ‘Existing Buildings’ of the 2012 IBC were carried forward to the 2018 IBC. (GA amendment)

- **3401.7 Existing systems conformance.** The 50% rule for the extent to which the existing systems are made to conform to the code requirements for new construction was clarified to state these requirements specifically apply to mechanical, electrical, plumbing and life safety systems. (GA amendment)
2018 IRC – Examples of Key Changes

- **R507 Exterior Decks.** The *Prescriptive Deck Details* design document was not brought forward in the 2020 GA Amendments. The 2018 IRC reorganized R507 Decks which incorporated many of the more useful illustrations and provisions to simplify the prescriptive construction of a deck. R507 is now much clearer in regards to deck materials, deck footing, joist spacing and spans, and fastener requirements.

- **R303.4 Mechanical ventilation.** Where the air infiltration rate of a dwelling unit is 5.3 air changes per hour or less where tested with a blower door at a pressure of 0.2 inch w.c. (50 Pa) in accordance with Section N1102.4.1.2, the dwelling unit shall be provided with whole-house mechanical ventilation in accordance with Section M1505.4. **Important Note:** Mechanical ventilation is not mandatory for all new home construction unless it tests 3 ACH or less.
2020 NEC Task Force – Mandatory Code

  Effective January 1, 2018

  Tentative Effective Date January 1, 2021
Future Task Forces – Permissive Codes

1. 2018 International Property Maintenance Code (IPMC)
2. 2018 International Existing Building Code (IEBC)
3. 2018 National Green Building Standard (ICC-700)
4. 2018 International Green Construction Code (IGCC)
5. Task Forces will be appointed at June SCAC meeting

2021?
# 2015 IECC Energy Code Training Workshops

- Energy Code Workshop link: [https://www.dca.ga.gov/node/5691](https://www.dca.ga.gov/node/5691)

<table>
<thead>
<tr>
<th>Date</th>
<th>Area</th>
<th>Date</th>
<th>Area</th>
<th>Date</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2nd</td>
<td>Buckhead</td>
<td>Aug 1st</td>
<td>Clayton County</td>
<td>Sept 5th</td>
<td>Commerce</td>
</tr>
<tr>
<td>July 9th</td>
<td>Newnan</td>
<td>Aug 13th</td>
<td>Norcross</td>
<td>Sept 10th</td>
<td>Tifton</td>
</tr>
<tr>
<td>July 10th</td>
<td>Dunwoody</td>
<td>Aug 14th</td>
<td>Athens</td>
<td>Sept 11th</td>
<td>Valdosta</td>
</tr>
<tr>
<td>July 16th</td>
<td>Canton</td>
<td>Aug 20th</td>
<td>Columbus</td>
<td>Sept 17th</td>
<td>Marietta</td>
</tr>
<tr>
<td>July 17th</td>
<td>Atlanta</td>
<td>Aug 22nd</td>
<td>Augusta</td>
<td>Sept 18th</td>
<td>Gwinnett</td>
</tr>
<tr>
<td>July 18th</td>
<td>Rome</td>
<td>Aug 27th</td>
<td>Atlanta</td>
<td>Sept 19th</td>
<td>Macon</td>
</tr>
<tr>
<td>July 23rd</td>
<td>Savannah</td>
<td>Aug 28th</td>
<td>Dunwoody</td>
<td>Sept 25th</td>
<td>Albany</td>
</tr>
<tr>
<td>July 24th</td>
<td>Savannah</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>July 30th</td>
<td>Gainesville</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>July 31st</td>
<td>Atlanta</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2018 ISPSC Training Workshops

ISPSC Training Contact: Brendan Sexton, brendan.sexton@dca.ga.gov

Training Dates
• Oct 9th Alpharetta
• Oct 11th Savannah
• Oct 21st Dallas
• Oct 22nd Decatur
• Dec 4th Columbus
• Dec 5th Macon
Contact Information

GA Department of Community Affairs
Codes and Industrialized Buildings
60 Executive Park South, NE
Atlanta, Georgia 30329-2231

Phone: (404) 679-3118
Web: www.dca.ga.gov
Email: codes@dca.ga.gov
Email: ib@dca.ga.gov


The Georgia Department of Community Affairs (DCA) and Southface were awarded a grant through the Georgia Environmental Finance Authority (GEFA) to provide training on the updates and changes of the new 2018 International Energy Conservation Codes and Amendments for the State of Georgia. The classes cover the changes in commercial and residential energy codes, best practices for implementation and compliance of new rules, as well as a Q&A session.

Full- and half-day training options are being held around the State of Georgia and coming to your local area. The trainings started mid-March and will run through the end of September. Please go to the Energy Codes Web Hub on the DCA Building Codes site to register for classes, and be sure to watch for a class coming to your area.

OCT
20-30
International Code Council Annual Conference and Code Hearings - Las Vegas, NV

NOV
20-22
GreenBuild Conference - Atlanta, GA