



INTERNATIONAL
CODE
COUNCIL®

2018 National Contractor/Trades Examination Information Bulletin

PUBLISHED October 12, 2026

This edition supersedes all previous bulletin editions

*This bulletin answers most questions raised by examination candidates. Please read it carefully.
You will find it a useful reference throughout your registration and examination process.*

International Code Council Vision

Creating safe, affordable, and sustainable buildings and communities.

International Code Council Mission

Provide the codes, tools, and resources that members rely on,
building safety professionals turn to, and manufacturers and the public trust.

Information contained in this bulletin is deemed accurate as of the time of posting.

Contents are subject to change at any time.

For the most updated information, visit the [Exam Catalog](#).

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<https://www.iccsafe.org/credentialing/contractor-trades/>

SUMMARY OF BULLETIN CHANGES

Date of Change	Section Affected	Revision
August 19, 2025	Reformatted Entire Bulletin	Reformatted Entire Bulletin
January 6, 2026	National Contractor/Trades Examination Information	Exam Pricing Update
January 27, 2026	National Contractor/Trades Examination Information	Revised F14 outline and added reference
February 23, 2026	National Contractor/Trades Examination Information	Revised F33 and F34 content outlines
June 30, 2026	National Contractor/Trades Examination Information	Updated Time Limit of the G14 exam
October 12, 2026	National Contractor/Trades Examination Information	Candidate Examination Information Bulletins (EIBs) are now organized by Code Year to help locate the correct examination information. Bulletins are available for 2015, 2018, 2021, or 2024 Contractor/Trades examinations.

Be sure to completely read this bulletin before scheduling your examination. You are responsible for following all policies and regulations found in this document. Not reading this bulletin does not release your responsibility for following these procedures.

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About Code Council Contractor/Trades Testing

The International Code Council's Contractor/Trades examination program is an independent testing program designed to provide licensing agencies with information regarding qualified contractors and trades professionals. Participating in the Code Council examination program does not guarantee that a licensing agency will award you a license. However, the Code Council examination program serves as an independent appraisal of your competency in the construction field, and your test results may be used by licensing agencies to satisfy the requirements for testing.

The International Code Council is **not** a licensing agency. If you want to become licensed in a city, county, or state that participates with the Code Council, that jurisdiction will require you to take and pass a Code Council examination. Upon successful completion of the examination, contact the jurisdiction for any other requirements in order to become licensed.

Testing Information and Frequently Asked Questions

The purpose of this bulletin is to provide you with information regarding how to schedule and take your contractor/trades examination. Examination requirements, including registration/scheduling, dates, locations, fees, and references are subject to change. Please make sure that you have the most current information before registering for/scheduling any examination.

All candidates are required to adhere to all ICC Council Policies and ICC Credentialing rules and policies provided in the [Administrative Rules and Procedures](#).

What examination do I need to take?

As requirements for employment differ from jurisdiction to jurisdiction, the Code Council cannot recommend specific examinations to you. We strongly encourage you to contact the jurisdiction in which you wish to work for more information on their specific exam requirements for licensure.

How often can I test?

You must wait **10** days before retaking a failed exam. It is strongly recommended that you allow time to study the approved references before registering for the test a second time.

What type of question format will be included in the examination?

Test questions are in four-option, multiple-choice format, with one answer on each question scored as correct. Due to the rigorous psychometric processes used by the Code Council in exam development, questions do not follow patterns (e.g., "the most common answer is 'B'").

Can't I just look up all of the answers in the books?

Because of the time constraints, you will not have time to look up all of the answers. For those answers you must look up, you must be VERY familiar with the references to avoid wasting time searching for information. First impressions are often the most accurate, but you may change your answers if time allows.

Should I guess if I don't know the answer to a question?

There is no guessing penalty, so it is to your advantage to answer every question. Remember to base your answers on the listed references for each exam, not solely on long-time field practices.

When will I receive my results?

Results for examinations taken electronically are available immediately after completion of the examination.

How do I find out examination specific information?

Visit the [Exam Catalog](#) for the following information for each exam:

- Content outline,
- Approved references,
- Open/Closed book,
- Length of exam
 - Number of items
 - Time Limit
- Passing score, and
- Link to register for the Pearson exam.

NOTE: For important information about Exam Day procedures, approved resources, materials, testing policies and examination rules, click [here](#).

How do I schedule/register for an exam?

Code Council contractor examinations are administered through Pearson. Access www.pearsonvue.com/ICC for more information on the ICC examination program at Pearson to include, but not limited to the ability to:

- Create an account,
- View and/or schedule an exam,
- Locate a test center,
- Purchase test vouchers, and
- Request testing accommodations.

How do I make comments about an exam I took?

To have Code Council Credentialing staff review comments or challenges on specific exams, exam items, or any issues encountered during your examination, you must submit a [Technical Challenge](#) to the Code Council.

Our experience shows that the best comments are those that come as soon after the testing process as possible. Include sufficient amount of detail to aid staff in the review of your challenged question(s) or issues related to the exam experience. Following receipt of your challenge, Credentialing staff will investigate each comment for merit and final determination of approval or denial of your challenge.

You will be mailed a response from Code Council staff within 15 business days from receipt of the form by the Code Council; a request for staff review is based solely upon the most recent examination taken.

IMPORTANT NOTE: If you retake a failed exam on which you have submitted a challenge, you will forfeit your challenge opportunity for that exam attempt.

How do I request a duplicate pass letter?

If you took an ICC Contractor/Trades examination at a Pearson Test Center on or after January 1, 2014, please contact Pearson via phone (1-877-234-6082) or chat to request a duplicate letter at no charge.

All other candidates, please visit the ICC Credentialing Candidate Requests/Forms [page](#) request a [Replacement Result Letter](#).

How do I change my name and address?

NOTE: Your ICC email address is the Pearson email address used to register for an ICC Contractor/Trades examination. To update your candidate demographic information (Address, Phone Number, Email, and Legal Name), log in to your myICC account. Click [here](#) for additional information.

National Contractor/Trades Examination Information

Based on the 2018 International Codes and the 2017 NEC

Please visit www.iccsafe.org/contractor for the most up-to-date information. Outlines are subject to change.

G11 General Building Contractor (A) 90 multiple-choice questions Open book – 4-hour time limit		Pricing Pearson: \$120
Content Area	%	Reference
Permits and General Regulations Regulations and Job Planning Code Definitions and Terms	19%	2018 <i>International Building Code®</i> <i>Concrete Manual: Based on the 2021 IBC and ACI 318-19</i> OR <i>Concrete Manual: Based on the 2015 IBC and ACI 318-14</i>
Building Planning and Life Safety Use & Occupancy & Types of Construction Fire & Smoke Alarms & Fire Protect Sys Occupancy Needs & Interior Environment Exiting & Means of Egress Accessibility	31%	
Structural Systems Footings and Foundations Concrete Floors Wall Framing and Stairs Roof Ceiling Construction Roof Assembly Masonry	42%	
Building Envelope Interior Finishes Glass and Glazing Exterior Finishes and Roof Coverings	8%	

G12 General Building Contractor (B)
80 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Permits and General Regulations Regulations and Job Planning Code Definitions and Terms	21%	2018 <i>International Building Code®</i> 2018 <i>International Residential Code</i> <i>Concrete Manual: Based on the 2021 IBC and ACI 318-19</i>
Building Planning and Life Safety Use & Occupancy & Types of Construction Fire & Smoke Alarms & Fire Protect Sys Occupancy Needs & Interior Environment Exiting & Means of Egress Accessibility	31%	OR <i>Concrete Manual: Based on the 2015 IBC and ACI 318-14</i>
Structural Systems Footings and Foundations Concrete Floors Wall Framing and Stairs Roof Ceiling Construction Roof Assembly Masonry	42%	
Building Envelope Interior Finishes Glass and Glazing Exterior Finishes and Roof Coverings	8%	

G13 Residential Building Contractor (C)
80 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Permits and General Regulations Regulations and Job Planning Code Definitions and Terms	19%	2018 <i>International Residential Code</i>
Building Planning and Life Safety Fire & Smoke Alarms & Fire Protect Sys Occupancy Needs & Interior Environment Exiting & Means of Egress	19%	
Structural Systems Footings and Foundations Concrete Floors Wall Framing and Stairs Roof Ceiling Construction Roof Assembly Masonry	50%	
Building Envelope Interior Finishes Glass and Glazing Exterior Finishes and Roof Coverings	12%	

G14 Roofing Contractor**60 multiple-choice questions****Open book – 3-hour time limit****Pricing****Pearson: \$120**

Content Area	%	Reference
Administration and General Requirements Administration Code Definitions and Terms Job Planning and Setup	28%	2018 <i>International Residential Code</i> 2018 <i>International Building Code</i> 2018 <i>International Plumbing Code</i>
Types of Roofing Material and Application Shingle Roofing Flat Roof Hot Mopping and Other Membranes	35%	
Fasteners, Flashings, Drainage, and Scuppers Fasteners Flashings and Accessory Materials Roof Drains, Gutters, and Scupper	28%	
Re-Roofing Remove Roofing Materials or Add Additional Layers Repair Roof Structure and Roof-Ceiling Assemblies	12%	

G15 National Standard Shingle Roofing**60 multiple-choice questions****Open book – 2-hour 30-minute time limit****Pricing****Pearson \$120**

Content Area	%	Reference
Job Planning and Setup	18%	2018 <i>International Building Code</i>
Types of Roofing Material and Application	23%	2018 <i>International Residential Code</i>
Fasteners, Flashings, Scuppers, Etc.	32%	
Re-roofing	27%	

G16 Master Electrician
100 multiple-choice questions
Open book – 5-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
General Knowledge Electrical Theory and General Electrical Load Calculations, Code Definitions and Terms, Plan Reading	12%	2017 <i>National Electrical Code (NEC)</i> Ugly's Electrical Reference (any edition)
Services and Service Equipment Services and Fault Current, Service Load Calculations, Service Equipment & Service Conductors, Transformers, System Grounding and Bonding, Temporary Service Wiring	16%	
Feeders Load Calculations, Equipment Grounding	4%	
Branch Circuits and Conductors Branch Circuit Calculation, Overcurrent Protection, Conductors, Required Outlets & GFCI/ AFCI Protection, Equipment Grounding	16%	
Wiring Methods and Materials Raceway Installations, Underground Wiring Methods, Boxes and Enclosures, Cabinets, Panel boards, & Switchboards, Clearance and Guarding, Flexible Cords and Cables	19%	
Equipment and Devices Luminaires, Receptacles, Switches and Other Devices, Appliances and Other Equipment, Other Utilization Equipment, Heating and Cooling Equipment	10%	
Control Devices Switches, Disconnects and Controllers	3%	
Motors and Generators Motors, Generators	8%	
Special Occupancies, Equipment, and Conditions Special Occupancies, Swimming Pools and Similar Installations Mobile Home and RV Parks, Data Processing Equipment, Miscellaneous Special Equipment Emergency Systems, Signaling and Fire Alarm Systems	12%	

G17 Journeyman Electrician
80 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
General Knowledge Electrical Theory and General Electrical Load Calculations, Code Definitions and Terms, Plan Reading	6%	2017 <i>National Electrical Code (NEC)</i> Ugly's Electrical Reference (any edition)
Services and Service Equipment Services and Fault Current, Service Load Calculations, Service Equipment & Service Conductors, Transformers, System Grounding and Bonding, Temporary Service Wiring	11%	
Feeders Load Calculations, Equipment Grounding	4%	
Branch Circuits and Conductors Branch Circuit Calculation, Overcurrent Protection, Conductors, Required Outlets & GFCI/ AFCI Protection, Equipment Grounding	19%	
Wiring Methods and Materials Raceway Installations, Underground Wiring Methods, Boxes and Enclosures, Cabinets, Panel boards, & Switchboards, Clearance and Guarding, Flexible Cords and Cables	26%	
Equipment and Devices Luminaires, Receptacles, Switches and Other Devices, Appliances and Other Equipment, Other Utilization Equipment, Heating and Cooling Equipment	13%	
Control Devices Switches, Disconnects and Controllers	4%	
Motors and Generators Motors, Generators	6%	
Special Occupancies, Equipment, and Conditions Special Occupancies, Swimming Pools and Similar Installations, Mobile Home and RV Parks, Data Processing Equipment, Miscellaneous Special Equipment, Emergency Systems, Signaling and Fire Alarm Systems	11%	

G18 Residential Electrician**Pricing****60 multiple-choice questions****Pearson: \$120****Open book – 3-hour time limit**

Content Area	%	Reference
General Knowledge Electrical Theory and General Electrical Load Calculations Code Definitions and Terms	12%	2017 <i>National Electrical Code (NEC)</i> Ugly's Electrical Reference (any edition)
Services and Service Equipment Service Load Calculations Service Equipment & Service Conductors System Grounding and Bonding	22%	
Feeders Load Calculations Equipment Grounding	13%	
Branch Circuits and Conductors Branch Circuit Calculations Required Outlets & GFCI/ AFCI Protection Overcurrent Protection Equipment Grounding Conductor	25%	
Wiring Methods and Materials Raceway Installations Boxes and Enclosures Flexible Cords and Cables	13%	
Equipment and Devices Luminaires Receptacles, Switches and Other Devices Appliances and Other Equipment	8%	
Special Occupancies, Equipment, and Conditions Swimming Pools and Similar Installations Low Voltage Circuits, Alarm & Similar Systems	7%	

G21 Low-Voltage Electrician**Pricing****50 multiple-choice questions****Pearson: \$120****Open book – 3-hour time limit**

Content Area	%	Reference
General Knowledge	24%	2017 <i>National Electrical Code (NEC)</i> Ugly's Electrical Reference (any edition)
LV Remote Control & Alarm Systems	22%	
LV Communications & Sound	36%	
LV Control Circuits	14%	
Fiber Optical	4%	

G24 Master Plumber
100 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Administration General Regulations	46%	2018 <i>International Plumbing Code</i>
General Installation Requirements		
Code Definitions and Terms		
Plan Reading		
Testing		
Materials		
Plumbing Fixtures	14%	
Water Heaters		
Water Closets and Urinals		
Specialty Fixtures		
Bathtubs, Showers, Sinks, and Lavatories		
Water Supply and Distribution	11%	
Service Distribution and Piping		
Water Supply and Pressure		
Protection of Potable Water Supply		
Sanitary Drainage	11%	
Building Sanitary Drainage		
Sumps and Ejectors		
Indirect and Special Waste Systems		
Plumbing Vent Requirements	8%	
Vent Connections and Grades		
Vent Terminals		
Traps, Interceptors, and Separators	8%	
Installation of Traps		
Interceptors and Separators		
Storm Drainage	2%	
Storm Drainage		

G25 Journeyman Plumber
70 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Administration General Regulations	40%	2018 <i>International Plumbing Code</i>
General Installation Requirements		
Code Definitions and Terms		
Plan Reading		
Testing		
Materials		
Plumbing Fixtures	17%	
Water Heaters		
Water Closets and Urinals		
Specialty Fixtures		
Water Supply and Distribution	14%	
Service Distribution and Piping		
Water Supply and Pressure		
Protection of Potable Water Supply		
Sanitary Drainage	13%	
Building Sanitary Drainage		
Sumps and Ejectors		
Indirect and Special Waste Systems		
Plumbing Vent Requirements	7%	
Vent Connections and Grades		
Vent Terminals		
Traps, Interceptors, and Separators	7%	
Installation of Traps		
Interceptors and Separators		
Storm Drainage	2%	
Storm Drainage		

G27 Master Plumber with Gas
100 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Administration General Regulations	36%	2018 <i>International Plumbing Code</i> 2018 <i>International Fuel Gas Code</i>
General Installation Requirements		
Code Definitions and Terms		
Plan Reading		
Testing		
Materials		
Plumbing Fixtures	13%	
Water Heaters		
Water Closets and Urinals		
Specialty Fixtures		
Bathtubs, Showers, Sinks, and Lavatories		
Water Supply and Distribution	9%	
Service Distribution and Piping		
Water Supply and Pressure		
Protection of Potable Water Supply		
Sanitary Drainage	8%	
Building Sanitary Drainage		
Sumps and Ejectors		
Indirect and Special Waste Systems		
Plumbing Vent Requirements	6%	
Vent Connections and Grades		
Vent Terminals		
Traps, Interceptors, and Separators	5%	
Installation of Traps		
Interceptors and Separators		
Storm Drainage	2%	
Storm Drainage		
Gas Piping	21%	
Gas Piping for Service & Distribution Piping		
Gas Piping Requirements, Specific Appliances Equipment		
Source of Combustion Air & Duct Openings		
Fuel-burning Appliance, Vent, Connector		

G28 Journeyman Plumber with Gas
70 multiple-choice questions
Open book – 3-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Administration General Regulations	34%	2018 <i>International Plumbing Code</i> 2018 <i>International Fuel Gas Code</i>
General Installation Requirements		
Code Definitions and Terms		
Plan Reading		
Testing		
Materials		
Plumbing Fixtures	11%	
Water Heaters		
Water Closets and Urinals		
Specialty Fixtures		
Bathtubs, Showers, Sinks, and Lavatories		
Water Supply and Distribution	11%	
Service Distribution and Piping		
Water Supply and Pressure		
Protection of Potable Water Supply		
Sanitary Drainage	9%	
Building Sanitary Drainage		
Sumps and Ejectors		
Indirect and Special Waste Systems		
Plumbing Vent Requirements	7%	
Vent Connections and Grades		
Vent Terminals		
Traps, Interceptors, and Separators	7%	
Installation of Traps		
Interceptors and Separators		
Storm Drainage	2%	
Storm Drainage		
Gas Piping	19%	
Gas Piping for Service & Distribution Piping		
Gas Piping Requirements, Specific Appliances Equipment		
Source of Combustion Air & Duct Openings		
Fuel-burning Appliance, Vent, Connector		

G29 Master Mechanical
100 multiple-choice questions
Open book – 4-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Administration General Regulations	30%	2018 <i>International Mechanical Code</i> 2018 <i>International Fuel Gas Code</i>
General Installation Requirements		
Code Definitions and Terms		
Plan Reading		
Testing		
Appliances & Mechanical Equipment	27%	
Heating Equipment & Gen App Installation		
Water Heaters and Boilers		
Cooling and Refrigeration Systems		
Hydronic and Other Systems		
Exhaust and Ventilation Systems	11%	
Exhaust Fan & Product Conveying Systems		
Commercial Hoods & Kitchen Ventilation		
Duct Systems	12%	
Duct Construction, Installation & Plenums		
Smoke and Fire Dampers		
Combustion Air	6%	
Venting of Fuel Burning Appliances		
Chimneys and Vents	8%	
Venting of Fuel Burning Appliances		
Chimney and Vent Connectors		
Fuel Supply Systems	6%	
Fuel Supply Installation, Testing and Sizing		

G31 Journeyman Mechanical
50 multiple-choice questions
Open book – 3-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
Administration General Regulations General Installation Requirements Plan Reading	22%	2018 <i>International Mechanical Code</i> 2018 <i>International Fuel Gas Code</i>
Appliances & Mechanical Equipment Heating Equipment & Gen App Installation Water Heaters and Boilers Cooling and Refrigeration Systems Hydronic and Other Systems	22%	
Exhaust and Ventilation Systems Exhaust Fan & Product Conveying Systems Commercial Hoods & Kitchen Ventilation	14%	
Duct Systems Duct Construction, Installation & Plenums Smoke and Fire Dampers	16%	
Combustion Air Venting of Fuel Burning Appliances	8%	
Chimneys and Vents Venting of Fuel Burning Appliances Chimney and Vent Connectors	10%	
Fuel Supply Systems Fuel Supply Installation, Testing and Sizing	8%	

G33 Master Gas Pipe Fitter
75 multiple-choice questions
Open book – 3-hour time limit

Pricing
Pearson: \$120

Content Area	%	Reference
General Requirements General Installation Requirements Code Definitions and Terms Plan Reading Testing Materials	49%	2018 <i>International Fuel Gas Code</i>
Water Heaters Installation of Water Heaters	5%	
Appliances and Equipment Requirements for Specific Appliances & Equipment	15%	
Fuel Supply System Sizing Service Distribution Pipe Sizing	6%	
Combustion Air Combustion Air Source, Size of Ducts/Openings	13%	
Chimneys and Vents Venting, Vent Connector, and Chimneys	12%	

G34 National Standard Journeyman Gas Pipe Fitter**55 multiple-choice questions****Open book – 2-hour time limit****Pricing****Pearson: \$120**

Content Area	%	Reference
General Requirements	40%	2018 <i>International Fuel Gas Code</i>
Appliances and Equipment	24%	
Fuel Supply System Sizing	10%	
Combustion Air	12%	
Chimneys and Vents	14%	

G35 Class DF Fire Suppression Installation Contractor**60 multiple-choice questions****Open book – 2-hour time limit****Pricing****Pearson: \$120**

Content Area	%	Reference
Inspection	15%	2018 <i>International Building Code</i>
Emergency Impairment	5%	2018 <i>International Fire Code</i>
Piping Systems	20%	2016 NFPA 13: Standard for the Installation of Sprinkler Systems
Water Supply	10%	2016 NFPA 14: Standard for the Installation of Standpipe and Hose Systems
Fire Pumps	10%	2016 NFPA 20: Standard for the Installation of Stationary Pumps for Fire Protection
Special Systems	20%	2017 NFPA 25: Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
Accepting Systems	20%	