



INTERNATIONAL
CODE
COUNCIL®

State of Kansas 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](#).

1-888-ICC-SAFE (422-7233), ext. 0
customersuccess@iccsafe.org
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
September 25, 2025	State of Kansas Contractor/Trades Examination Information: Based on 2017/2018 Codes	Updated KGP reference listing
December 9, 2025	State of Kansas Contractor/Trades Examination Information: Based on 2014/2015 Codes	Updated 551 content outline
August 20, 2026	State of Kansas Contractor/Trades Examination Information: Based on the 2014/2015 Codes	Update reference listing of 557 – KS Master Plumber w/Gas
October 12, 2026	State of Kansas Contractor/Trades Examination Information: Based on the 2014/2015 Codes	Effective December 1, 2026: Examinations based on the 2014 NEC and 2015 I-Codes will no longer be available for registration through Pearson. Current registrations and scheduled examinations will continue to be administered at Pearson.
October 12, 2026	State of Kansas Contractor/Trades Examination Information: Based on the 2014/2015 Codes	Effective December 1, 2026: ICC National Contractor/Trades Examinations based on the 2021 I-Codes (T-Series) will offer examinations with a <u>75% passing score requirement</u> . The required passing score for each examination is identified in the Exam ID.

Besure 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 to test a second time.

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

Test questions are in a 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.

How do I schedule/register for an exam?

Code Council contractor examinations are administered through Pearson. Access <https://www.pearsonvue.com/icc> for more information on the ICC examination program at PearsonVUE 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 form](#) to the Code Council.

Our experience shows that the best comments are those that come as soon after the testing process as possible. Include a 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 Candidate Requests/Forms [page](#) and 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.

Effective December 1, 2026, ICC will offer a suite of National Contractor/Trades Examinations based on the 2021 I-Codes. These examinations require a passing score of 75%.

Kansas-specific examinations based on the 2021 I-Codes will not be offered; candidates must take the applicable national examination instead.

Kansas-specific examinations based on the 2018 I-Codes will remain available. The examination information below is organized into two sections: examinations based on the 2021 I-Codes and examinations based on the 2018 I-Codes.

All examinations require the State of Kansas passing score of 75%.

State of Kansas Contractor/Trades Examination Information

Based on 2014 NEC and 2015 International Codes

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

Effective December 1, 2026, these examinations will no longer be available for registration through Pearson.

367 Kansas Standard Concrete Contractor			Pricing
50 multiple-choice questions			Pearson: \$115
Open book – 2-hour 30-minute time limit			
Content Area	%	Reference	
General Trade Knowledge	22%	2015 <i>International Building Code</i> ®	
Reinforcement	30%	Concrete Manual: Based on the 2021 IBC and ACI -318-19: <i>Building Code Requirements for Structural Concrete</i> <u>OR</u>	
Formwork, Joints and Embeds	22%	Concrete Manual: Based on the 2015 IBC and ACI 318-14: <i>Building Code Requirements for Structural Concrete</i>	
Concrete Placement, Protection and Curing	26%		

550 Kansas Standard General Building Contractor (A)			Pricing
90 multiple-choice questions			Pearson: \$115
Open book – 4-hour time limit			
Content Area	%	Reference	
Administration General Regulations	15%	2015 <i>International Building Code</i> ®	
Administration		Concrete Manual: Based on the 2021 IBC and ACI 318-19	
Code Definitions and Terms		OR	
Plan Reading		Concrete Manual: Based on the 2015 IBC and ACI 318-14	
Building, Planning and Life Safety	25%		
Use and Occupancy and Types of Construction			
Fire and Smoke Alarms and Fire Protection			
Occupancy Needs and Interior Environment			
Accessibility			
Structural Systems	45%		
Site Work			
Footings and Foundations			
Concrete			
Floors			

Wall Framing and Stairs	15%	
Roof Ceiling Construction/Roof Assembly		
Masonry		
Building Envelope		
Interior Finishes		
Glass and Glazing		
Exterior Finishes and Roof Coverings		

551 Kansas Standard Building Contractor (B)	Pricing
80 multiple-choice questions	Pearson: \$115
Open book – 4-hour time limit	

Content Area	%	Reference
Permits and General Regulations	21%	2015 International Building Code®
Regulations and Job Planning		2015 International Residential Code®
Code Definitions and Terms		Concrete Manual: Based on 2021 IBC and ACI 318:19
Building Planning and Life Safety	30%	OR
Use & Occupancy & Types of Construction		Concrete Manual: Based on the 2015 IBC and ACI 318-14
Fire & Smoke Alarms & Fire Protection Sys		
Occupancy Needs & Interior Environment		
Exiting & Means of Egress		
Accessibility	41%	
Structural Systems		
Footings and Foundations		
Concrete		
Floors		
Wall Framing & Stairs	8%	
Roof Ceiling Construction Roof Assembly		
Masonry		
Building Envelope		
Interior Finishes		
Glass and Glazing		
Exterior Finishes & Roof Coverings		

Effective December 1, 2026, these examinations will no longer be available for registration through Pearson.

552 Kansas Standard Residential Building Contractor (C)			Pricing
80 multiple-choice questions			Pearson: \$115
Open book – 4-hour time limit			
Content Area	%	Reference	
Footings, Foundations and Crawlspace	11%	2015 <i>International Residential Code</i>	
Building Planning	15%	Concrete Manual: Based on the 2021 IBC and ACI 318-19	
Masonry	7%	OR	
Floors	13%	Concrete Manual: Based on the 2015 IBC And ACI 318-14	
Walls	14%		
Roofs	10%		
Fireplaces	7%		
Plan Reading	13%		
Administration	10%		

553 Kansas Standard Roofing Contractor/Subcontractor			Pricing
60 multiple-choice questions			Pearson: \$115
Open book – 3-hour time limit			
Content Area	%	Reference	
General Admission	5%	2015 <i>International Building Code</i>	
Permits	6%	2015 <i>International Plumbing Code</i>	
Inspections and Structural Tests	5%		
Violations and Stop Work Orders	2%		
Weather Protection	4%		
Fire Classification	15%		
Requirements for Roof Coverings	36%		
Re-roofing	2%		
Roof Insulation	5%		
Rooftop Structures	8%		
Roof Drainage	12%		

Effective December 1, 2026, these examinations will no longer be available for registration through Pearson.

554 Kansas Standard Master Electrician			Pricing
100 multiple-choice questions			Pearson: \$115
Open book – 5-hour time limit			
Content Area	%	Reference	
General Knowledge and Plan Reading	12%	2014 National Electrical Code	
Services and Service Equipment	16%	Ugly's Electrical Reference (any edition)	
Feeders	4%		
Branch Circuits and Conductors	16%		
Wiring Methods and Materials	19%		
Equipment and Devices	10%		
Control Devices	3%		
Motors and Generators	8%		
Special Occupancies, Equipment, and Conditions	12%		

556 Kansas Standard Master Mechanical			Pricing
100 multiple-choice questions			Pearson: \$115
Open book – 4-hour time limit			
Content Area	%	Reference	
General Requirements	33%	2015 <i>International Mechanical Code</i>	
Appliances and Equipment	10%	2015 <i>International Fuel Gas Code</i>	
Exhaust and Ventilation Systems	8%	2014 <i>National Electrical Code</i>	
Duct Systems	12%		
Combustion Air	8%		
Chimneys and Vents	7%		
Fuel Supply Systems	7%		
Special Requirements	4%		
Electrical	9%		
Water	2%		

Effective December 1, 2026, these examinations will no longer be available for registration through Pearson.

557 Kansas Master Plumber with Gas			Pricing
100 multiple-choice questions			Pearson: \$115
Open book – 4-hour time limit			
Content Area	%	Reference	
Administration	4%	2015 <i>International Plumbing Code</i>	
General Regulations	8%	2015 <i>International Fuel Gas Code</i>	
Fixtures	5%		
Water Heaters	4%		
Water Supply and Distribution	11%		
Sanitary Drainage	9%		
Vents	13%		
Traps, Interceptors and Separators	4%		
Storm Drainage	2%		
Plan Reading	21%		
Gas	19%		

558 Kansas Standard Journeyman Electrician			Pricing
80 multiple-choice questions			Pearson: \$115
Open book – 4-hour time limit			
Content Area	%	Reference	
General Knowledge	6%	2014 <i>National Electrical Code</i>	
Services and Service Equipment	11%	Ugly's Electrical Reference (any edition)	
Feeders	4%		
Branch Circuits and Conductors	19%		
Wiring Methods and Materials	26%		
Equipment and Devices	13%		
Control Devices	4%		
Motors and Generators	6%		
Special Occupancies, Equipment and Conditions	11%		

Effective December 1, 2026, these examinations will no longer be available for registration through Pearson.

559 Kansas Standard Journeyman Mechanical			Pricing
50 multiple-choice questions			Pearson: \$115
Open book – 3-hour time limit			
Content Area	%	Reference	
General Requirements	46%	2015 <i>International Mechanical Code</i>	
Appliances and Equipment	14%	2015 <i>International Fuel Gas Code</i>	
Exhaust and Ventilation Systems	2%	2014 <i>National Electrical Code</i>	
Duct Systems	14%		
Combustion Air	6%		
Chimneys and Vents	6%		
Fuel Supply Systems	2%		
Special Requirements	6%		
Electrical	4%		

560 Kansas Standard Journeyman Plumber with Gas			Pricing
70 multiple-choice questions			Pearson: \$115
Open book – 3-hour time limit			
Content Area	%	Reference	
Plumbing Fixtures and Terminology	4%	2015 <i>International Plumbing Code</i>	
Plumbing Fundamentals	14%	2015 <i>International Fuel Gas Code</i>	
Traps, Cleanouts and Interceptors	4%		
Special Requirements	4%		
Drainage Requirements	14%		
Vent Requirements	14%		
Water Distribution	12%		
Plan Reading	14%		
Gas	20%		

Effective December 1, 2026, these examinations will no longer be available for registration through Pearson.

565 Kansas Standard Residential Electrician			Pricing
60 multiple-choice questions			Pearson: \$115
Open book – 3-hour time limit			
Content Area	%	Reference	
General Knowledge	12%	2014 National Electrical Code	
Services and Service Equipment	22%	Ugly's Electrical References (any edition)	
Feeders	13%		
Branch Circuits and Conductors	25%		
Wiring Methods and Materials	13%		
Equipment and Devices	8%		
Special Occupancies, Equipment, and Conditions	7%		

844 Kansas Standard Drywall Contractor			Pricing
40 multiple-choice questions			Pearson: \$115
Open book – 2-hour time limit			
Content Area	%	Reference	
General Trade Knowledge, Code Definitions and Terms	30%	2015 <i>International Plumbing Code</i>	
Interior and Exterior Installation Methods and Materials	33%	2015 <i>International Fuel Gas Code</i>	
Fire-resistance Ratings, Firestopping, Penetrations, Etc.	33%		
Metal Framing	4%		

846 Kansas Standard Framing Contractor			Pricing
50 multiple-choice questions			Pearson: \$115
Open book – 2-hour 30-minute time limit			
Content Area	%	Reference	
General Trade Knowledge	26%	2015 <i>International Building Code</i>	
Foundation and Floor Framing	22%	2015 <i>International Residential Code</i>	
Wall Framing	32%		
Roof Framing	20%		

State of Kansas Contractor/Trades Examination Information

The following examinations are based on 2017 NEC and 2018 I-Codes

Visit www.iccsafe.org/credentialing/contractor-trades/ for the most up-to-date information. Outlines are subject to change.

KGA Kansas Standard General Building Contractor (A)		
Questions: 90 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$115
Approved References		
• 2018 International Building Code • CM Based on the 2015 IBC and ACI 318-14		• CM Based on the 2021 IBC and ACI 318-19, or
Content Outline		
Content Area		Topics Covered
Permits and General Regulations	19%	• Regulations and Job Planning • Code Definitions and Terms
Building Planning and Life Safety	31%	• Use & Occupancy & Types of Construction • Fire & Smoke Alarms & Fire Protect Sys • Occupancy Needs & Interior Environment • Exiting & Means of Egress • Accessibility
Structural Systems	42%	• Footings, Foundations, and Slabs • Floors • Concrete • Roof Construction and Roof Assembly • Wall Framing and Stairs
Building Envelope	8%	• Interior Finishes • Glass and Glazing • Exterior Finishes and • Roof Coverings

KGB Kansas Standard General Building Contractor (B)		
Questions: 80 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$115
Approved References		
• 2018 International Building Code • 2018 International Residential Code		• Concrete Manual: Based on the 2021 IBC and ACI 318-19
Content Outline		
Content Area		Topics Covered
Permits and General Regulations	18%	• Regulations and Job Planning • Code Definitions and Terms
Building Planning and Life Safety	24%	• Use & Occupancy & Types of Construction • Fire & Smoke Alarms & Fire Protect Sys • Occupancy Needs & Interior Environment • Exiting & Means of Egress • Accessibility
Structural Systems	46%	• Footings, Foundations, and Slabs • Floors • Concrete • Roof Construction and Roof Assembly • Wall Framing and Stairs
Building Envelope	12%	• Interior Finishes • Glass and Glazing • Exterior Finishes and • Roof Coverings

KGC Kansas Standard Residential Building Contractor (C)		
Questions: 80 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$115
Approved References		
• 2018 International Residential Code • CM: Based on the 2015 IBC and ACI 318-14		• CM: Based on the 2021 IBC and ACI 318-19
Content Outline		
Content Area		Topics Covered
Permits and General Regulations	18%	• Regulations and Job Planning • Code Definitions and Terms
Building Planning and Life Safety	24%	• Use & Occupancy & Types of Construction • Fire & Smoke Alarms & Fire Protect Sys • Occupancy Needs & Interior Environment • Exiting & Means of Egress • Accessibility
Structural Systems	46%	• Footings, Foundations, and Slabs • Floors • Concrete • Roof Construction and Roof Assembly • Wall Framing and Stairs
Building Envelope	12%	• Interior Finishes • Glass and Glazing • Exterior Finishes and • Roof Coverings

KGD Kansas Standard Master Electrician		
Questions: 100 multiple-choice		Format: Open book
Time Limit: 5 hours		Price: \$115
Approved References		
• 2017 National Electrical Code		• Ugly's Electrical Reference (any edition)
Content Outline		
Content Area		Topics Covered
General Knowledge	6%	• Electrical Theory and General Electrical Load Calculations • Code Definitions and Terms • Plan Reading
Services and Service Equipment	11%	• Services and Fault Current • Service Load Calculations • Service Equipment and Service Conductors • Transformers, System Grounding and Bonding, Temporary Service Wiring
Feeders	4%	• Load Calculations • Equipment Grounding
Branch Circuits and Conductors	19%	• Branch Circuit Calculation • Overcurrent Protection, Conductors • Required Outlets & GFCI/AFCI Protection • Equipment Grounding
Wiring Methods and Materials	26%	• Raceway Installation, Underground Wiring Methods • Boxes and Enclosures, Cabinets, Panel Boards, and Switchboards • Clearance and Guarding • Flexible Cords and Cables
Equipment and Devices	13%	• Luminaires, Receptacles, Switches and Other Devices • Appliances and Other Equipment, Other Utilization Equipment • Heating and Cooling Equipment
Control Devices	4%	• Switches, Disconnects, and Controllers
Motors and Generators	6%	• Motors • Generators
Special Occupancies, Equipment, and Conditions	11%	• Special Occupancies, Swimming Pools, and Similar Installations • Mobile Homes and RV Parks

		• Data Processing Equipment • Miscellaneous Special Equipment • Emergency Systems, Signaling and Fire Alarm Systems
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KGF Kansas Standard Master Plumber with Gas

Questions: 100 multiple-choice	Format: Open book
Time Limit: 4 hours	Price: \$115

Approved References

- 2018 International Plumbing Code
- 2018 International Fuel Gas Code

Content Outline

Content Area		Topics Covered
Administration General Knowledge	36%	• 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, 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 and Distribution Piping • Gas Piping Requirements, Specific Appliance Equipment • Source of Combustion Air and Duct Opening • Fuel-burning Appliance, Vent, Connector

KGG Kansas Standard Journeyman Mechanical

Questions: 50 multiple-choice	Format: Open book
Time Limit: 3 hours	Price: \$115

Approved References

- 2018 International Mechanical Code
- 2018 International Fuel Gas Code

Content Outline

Content Area		Topics Covered
Administration and General Regulations	22%	• General Installation Requirements • Plan Reading
Appliances and Mechanical Equipment	22%	• Heating Equipment and General Appliance Installation • Water Heaters and Boilers • Cooling and Refrigeration Systems • Hydronic and Other Systems
Exhaust and Ventilation Systems	14%	• Exhaust Fans and Product-Conveying Systems • Commercial Hoods and Kitchen Ventilation
Duct Systems	16%	• Duct Construction, Installation, and Plenums • Smoke and Fire Dampers
Combustion Air	8%	• Venting of Fuel-Burning Appliances
Chimneys and Vents	10%	• Chimney and Vent Connectors
Fuel Supply Systems	8%	• Fuel Supply Installation, Testing, and Sizing

KGH Kansas Standard Journeyman Electrician		
Questions: 80 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$115
Approved References		
• 2017 National Electrical Code		• Ugly’s Electrical Reference (any edition)
Content Outline		
Content Area	Weight	Topics Covered
General Knowledge	6%	• Electrical Theory and General Electrical Load Calculations • Code Definitions and Terms • Plan Reading
Services and Service Equipment	11%	• Services and Fault Current • Service Load Calculations • Service Equipment and Service Conductors • Transformers, System Grounding and Bonding, Temporary Service Wiring
Feeders	4%	• Load Calculations • Equipment Grounding
Branch Circuits and Conductors	19%	• Branch Circuit Calculation • Overcurrent Protection and Conductors • Required Outlets and GFCI/AFCI Protection • Equipment Grounding
Wiring Methods and Materials	26%	• Raceway Installation and Underground Wiring Methods • Boxes and Enclosures, Cabinets, Panel Boards, and Switchboards • Clearance and Guarding • Flexible Cords and Cables
Equipment and Devices	13%	• Luminaires, Receptacles, Switches, and Other Devices • Appliances and Other Utilization Equipment • Heating and Cooling Equipment
Control Devices	4%	• Switches, Disconnects, and Controllers
Motors and Generators	6%	• Motors • Generators
Special Occupancies, Equipment, and Conditions	11%	• Special Occupancies, Swimming Pools, and Similar Installations • Mobile Homes and RV Parks • Data Processing and Miscellaneous Special Equipment • Emergency, Signaling, and Fire Alarm Systems

KGJ Kansas Standard Framing Contractor	
Questions: 50 multiple-choice	Format: Open book
Time Limit: 2:30 hours	Price: \$115
Approved References	
• 2018 International Building Code	• 2018 International Residential Code
Content Outline	
Content Area	%
General Trade Knowledge	26%
Foundation and Floor Framing	22%
Wall Framing	32%
Roof Framing	20%

KGL Kansas Standard Master Mechanical		
Questions: 100 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$115
Approved References		
• 2018 International Mechanical Code		• 2018 International Fuel Gas Code
Content Outline		
Content Area		Topics Covered
Administration and General Regulations	30%	• General Installation Requirements • Code Definitions and Terms • Plan Reading • Testing
Appliances and Mechanical Equipment	27%	• Heating Equipment and General Appliance Installation • Water Heaters and Boilers • Cooling and Refrigeration Systems • Hydronic and Other Systems
Exhaust and Ventilation Systems	11%	• Exhaust Fan and Product Conveying Systems • Commercial Hoods and Kitchen Ventilation
Duct Systems	12%	• Duct Construction, Installation and Plenums • Smoke and Fire Dampers
Combustion Air	6%	• Venting of Fuel Burning Appliances
Chimneys and Vents	8%	• Chimney and Vent Connectors
Fuel Supply Systems	6%	• Fuel Supply Installation, Testing, Sizing

KGP Kansas Standard Roofing Contractor/Subcontractor		
Questions: 60 multiple-choice		Format: Open book
Time Limit: 3 hours		Price: \$115
Approved References		
• 2018 International Building Code		• 2018 International Plumbing Code
Content Outline		
Content Area		Topics Covered
Administration and General Requirements	25%	• Administration and Job Planning • Code Definitions and Terms • Job Planning and Setup
Types of Roofing Material and Application	35%	• Shingle Roofing • Flat Roof, Hot Mopping, and Other Membranes
Fasteners, Flashings, Drainage, and Scuppers	28%	• Fasteners • Flashings and Accessory Materials • Roof Drains, Gutters, and Scupper
Re-roofing	12%	• Remove Roofing Materials or Add Additional Layers • Repair Roof Structure and Roof-Ceiling Assemblies

KGQ Kansas Standard Concrete Contractor		
Questions: 50 multiple-choice		Format: Open book
Time Limit: 2:30 hours		Price: \$115
Approved References		
• 2018 International Building Code • CM: Based on the 2025 IBC and ACI 318-14		• CM: Based on the 2021 IBC and ACI 318-19, or
Content Outline		
Content Area		%
General Trade Knowledge		22%
Reinforcement		30%
Formwork, Joints, and Embeds		22%
Concrete Placement, Protection, and Curing		26%

KGR Kansas Standard Journeyman Plumber w/Gas		
Questions: 70 multiple-choice		Format: Open book
Time Limit: 3 hours		Price: \$115
Approved References		
• 2018 International Plumbing Code		• 2018 International Fuel Gas Code
Content Outline		
Content Area		Topics Covered
Administration General Knowledge	34%	• 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, 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 and Distribution Piping • Gas Piping Requirements, Specific Appliances Equipment • Source of Combustion Air and Duct Openings • Fuel-burning Appliance, Vent, Connector

The following exam must be requested a minimum of 12 weeks in advance. This can be built as a 2018 or 2021 I-Code based exam. Email customersuccess@iccsafe.org.

KGT Kansas Standard Drywall Contractor		
Questions: 40 multiple-choice		Format: Open book
Time Limit: 2:00 hours		Price: \$115
Approved References		
• 2018 International Plumbing Code		• 2018 International Fuel Gas Code
Content Outline		
Content Area		%
General Trade Knowledge, Code Definitions and Terms		30%
Interior and Exterior Installation Methods and Materials		33%
Fire-resistance Ratings, Firestopping, Penetrations, Etc.		33%
Metal Framing		4%

KGX Kansas Standard Residential Electrician		
Questions: 60 multiple-choice		Format: Open book
Time Limit: 3 hours		Price: \$115
Approved References		
• 2017 National Electrical Code (NEC)		• Ugly's Electrical Reference (any edition)
Content Outline		
Content Area		Topics Covered
General Knowledge	12%	• Electrical Theory and General Electrical Load Calculations • Code Definitions and Terms
Services and Service Equipment	22%	• Service Load Calculations • Service Equipment, Service Conductor • System Grounding and Bonding
Feeders	13%	• Load Calculations • Equipment Grounding
Branch Circuits and Conductors	25%	• Branch Circuit Calculation • Required Outlets and GFCI/AFCI Protection • Overcurrent Protection • Equipment Grounding • Conductor
Wiring Methods and Materials	13%	• Raceway Installations • Boxes and Enclosures • Flexible Cords and Cables
Equipment and Devices	8%	• Luminaires • Receptacles, Switches and Other Devices • Appliances and Other Equipment
Special Occupancies, Equipment, and Conditions	7%	• Swimming Pools and Similar Installations • Low Voltage Circuits • Alarm and Similar Systems

State of Kansas Contractor/Trades Examination Information

The following examinations are based on the 2020 NEC and 2021 I-Codes

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

T11-N-75% General Building Contractor (A)		
Questions: 90 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$120
Approved References		
• 2021 International Building Code		• Concrete Manual: Based on the 2021 IBC and ACI 318-19
Content Outline		
Content Area		Topics Covered
Permits and General Regulations	15%	• Administration and Job Planning • Code Definitions and Terms • Special Inspections • Construction Safeguards
Building Planning and Life Safety	35%	• Use and Occupancy • Types of Construction and Allowable Heights and Areas • Fire Protection Systems and Rated Assemblies • Interior Environment • Means of Egress • Accessibility
Structural Systems	35%	• Footings, Foundations, and Slabs • Floor Systems • General Framing • Roof Construction • Masonry
Building Envelope	15%	• Interior Finishes • Glass and Glazing • Exterior Finishes • Roof Coverings

T12-N-75% General Building Contractor (B)		
Questions: 80 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$115
Approved References		
• 2021 International Building Code		• Concrete Manual: Based on the 2021 IBC and ACI 318-19
• 2021 International Residential Code		
Content Outline		
Content Area	Weight	Topics Covered
Permits and General Regulations	15%	• Administration and Job Planning • Code Definitions and Terms • Special Inspections • Construction Safeguards
Building Planning and Life Safety	35%	• Use and Occupancy • Types of Construction and Allowable Heights and Areas • Fire Protection Systems and Rated Assemblies • Interior Environment • Means of Egress • Accessibility
Structural Systems	35%	• Footings, Foundations, and Slabs • Floor Systems • General Framing • Roof Construction

		• Masonry
Building Envelope	15%	• Interior Finishes • Glass and Glazing • Exterior Finishes • Roof Coverings
Trade Systems	10%	• Mechanical • Electrical • Plumbing

T13-N-75% Residential Building Contractor (C)		
Questions: 80 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$120
Approved References		
• 2021 International Building Code		
Content Outline		
Content Area		Topics Covered
Permits and General Regulations	15%	• Administration and Job Planning • Code Definitions and Terms
Building Planning and Life Safety	35%	• Use and Occupancy • Types of Construction and Allowable Heights and Areas • Fire Protection Systems and Rated Assemblies • Interior Environment • Means of Egress • Accessibility
Structural Systems	35%	• Footings, Foundations, and Slabs • Floor Systems • General Framing • Roof Construction • Masonry
Building Envelope	15%	• Interior Finishes • Glass and Glazing
Trade Systems	10%	• Mechanical • Electrical • Plumbing

T14-N-75% National Roofing Contractor/Subcontractor		
Questions: 60 multiple-choice		Format: Open book
Time Limit: 3 hours		Price: \$120
Approved References		
• 2021 International Building Code • 2021 International Plumbing Code • 2021 International Residential Code		
Content Outline		
Content Area	Weight	Topics Covered
Administration and General Requirements	20%	• Administration and Job Planning • Code Definitions and Terms • Job Planning and Setup
Types of Roofing Material and Application	35%	• Shingle Roofing • Flat Roof, Hot Mopping, and Other Membranes
Fasteners, Flashings, Drainage, and Scuppers	35%	• Fasteners • Flashings and Accessory Materials • Roof Drains, Gutters, and Scupper
Re-roofing	10%	• Remove Roofing Materials or Add Additional Layers • Repair Roof Structure and Roof-Ceiling Assemblies

T16-N-75% National Master Electrician		
Questions: 100 multiple-choice		Format: Open book
Time Limit: 5 hours		Price: \$120
Approved References		
• 2020 National Electrical Code		• Ugly's Electrical Reference (any edition)
Content Outline		
Content Area		Topics Covered
General Knowledge	12%	• Electrical Theory and General Electrical Load Calculations • Code Definitions and Terms • Plan Reading
Services and Service Equipment	16%	• Services and Fault Current • Service Load Calculations • Service Equipment and Service Conductors • Transformers, System Grounding and Bonding, Temporary Service Wiring
Feeders	4%	• Load Calculations • Equipment Grounding
Branch Circuits and Conductors	16%	• Branch Circuit Calculation • Overcurrent Protection, Conductors • Required Outlets & GFCI/AFCI Protection • Equipment Grounding
Wiring Methods and Materials	19%	• Raceway Installation, Underground Wiring Methods • Boxes and Enclosures, Cabinets, Panel Boards, and Switchboards • Clearance and Guarding • Flexible Cords and Cables
Equipment and Devices	10%	• Luminaires, Receptacles, Switches and Other Devices • Appliances and Other Equipment, Other Utilization Equipment • Heating and Cooling Equipment
Control Devices	3%	• Switches, Disconnects, and Controllers
Motors and Generators	8%	• Motors • Generators
Special Occupancies, Equipment, and Conditions	12%	• Special Occupancies, Swimming Pools, and Similar Installations • Mobile Homes and RV Parks • Data Processing Equipment • Miscellaneous Special Equipment • Emergency Systems, Signaling and Fire Alarm Systems

T17-N-75% National Journeyman Electrician		
Questions: 80 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$120
Approved References		
• 2020 National Electrical Code		• Ugly's Electrical Reference (any edition)
Content Outline		
Content Area		Topics Covered
General Knowledge	6%	• Electrical Theory and General Electrical Load Calculations • Code Definitions and Terms • Plan Reading
Services and Service Equipment	11%	• Services and Fault Current • Service Load Calculations • Service Equipment and Service Conductors • Transformers, System Grounding and Bonding, Temporary Service Wiring
Feeders	4%	• Load Calculations • Equipment Grounding
Branch Circuits and Conductors	19%	• Branch Circuit Calculation • Overcurrent Protection and Conductors • Required Outlets and GFCI/AFCI Protection

		• Equipment Grounding
Wiring Methods and Materials	26%	• Raceway Installation and Underground Wiring Methods • Boxes and Enclosures, Cabinets, Panel Boards, and Switchboards • Clearance and Guarding • Flexible Cords and Cables
Equipment and Devices	13%	• Luminaires, Receptacles, Switches, and Other Devices • Appliances and Other Utilization Equipment • Heating and Cooling Equipment
Control Devices	4%	• Switches, Disconnects, and Controllers
Motors and Generators	6%	• Motors • Generators
Special Occupancies, Equipment, and Conditions	11%	• Special Occupancies, Swimming Pools, and Similar Installations • Mobile Homes and RV Parks • Data Processing and Miscellaneous Special Equipment • Emergency, Signaling, and Fire Alarm Systems

T18-N-75% National Residential Electrician		
Questions: 60 multiple-choice	Format: Open book	
Time Limit: 3 hours	Price: \$120	
Approved References		
• 2020 National Electrical Code (NEC)		• Ugly’s Electrical Reference (any edition)
Content Outline		
Content Area		Topics Covered
General Knowledge	12%	• Electrical Theory and General Electrical Load Calculations • Code Definitions and Terms
Services and Service Equipment	22%	• Service Load Calculations • Service Equipment, Service Conductor • System Grounding and Bonding
Feeders	13%	• Load Calculations • Equipment Grounding
Branch Circuits and Conductors	25%	• Branch Circuit Calculation • Required Outlets and GFCI/AFCI Protection • Overcurrent Protection • Equipment Grounding • Conductor
Wiring Methods and Materials	13%	• Raceway Installations • Boxes and Enclosures • Flexible Cords and Cables
Equipment and Devices	8%	• Luminaires • Receptacles, Switches and Other Devices • Appliances and Other Equipment
Special Occupancies, Equipment, and Conditions	7%	• Swimming Pools and Similar Installations • Low Voltage Circuits • Alarm and Similar Systems

T27-N-75% National Master Plumber w/Gas		
Questions: 100 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$120
Approved References		
• 2021 International Plumbing Code		• 2021 International Fuel Gas Code
Content Outline		
Content Area	Weight	Topics Covered
Administration General Knowledge	36%	• 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, 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 and Distribution Piping • Gas Piping Requirements, Specific Appliance Equipment • Source of Combustion Air and Duct Opening • Fuel-burning Appliance, Vent, Connector

T28-N-75% National Journeyman Plumber w/Gas		
Questions: 70 multiple-choice		Format: Open book
Time Limit: 3 hours		Price: \$120
Approved References		
• 2021 International Plumbing Code		• 2021 International Fuel Gas Code
Content Outline		
Content Area		Topics Covered
Administration General Knowledge	34%	• 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, 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	21%	• Gas Piping for Service and Distribution Piping • Gas Piping Requirements, Specific Appliances Equipment • Source of Combustion Air and Duct Openings • Fuel-burning Appliance, Vent, Connector

T29-N-75% National Master Mechanical		
Questions: 100 multiple-choice		Format: Open book
Time Limit: 4 hours		Price: \$120
Approved References		
• 2021 International Mechanical Code		• 2021 International Fuel Gas Code
Content Outline		
Content Area		Topics Covered
Administration and General Regulations	30%	• General Installation Requirements • Code Definitions and Terms • Plan Reading • Testing
Appliances and Mechanical Equipment	27%	• Heating Equipment and General Appliance Installation • Water Heaters and Boilers • Cooling and Refrigeration Systems • Hydronic and Other Systems
Exhaust and Ventilation Systems	11%	• Exhaust Fan and Product Conveying Systems • Commercial Hoods and Kitchen Ventilation
Duct Systems	12%	• Duct Construction, Installation and Plenums • Smoke and Fire Dampers
Combustion Air	6%	• Venting of Fuel Burning Appliances
Chimneys and Vents	8%	• Chimney and Vent Connectors
Fuel Supply Systems	6%	• Fuel Supply Installation, Testing, Sizing

T31-N-75% National Journeyman Mechanical		
Questions: 50 multiple-choice		Format: Open book
Time Limit: 3 hours		Price: \$120
Approved References		
• 2021 International Mechanical Code		• 2021 International Fuel Gas Code
Content Outline		
Content Area		Topics Covered
Administration and General Regulations	22%	• General Installation Requirements • Plan Reading
Appliances and Mechanical Equipment	22%	• Heating Equipment and General Appliance Installation • Water Heaters and Boilers • Cooling and Refrigeration Systems • Hydronic and Other Systems
Exhaust and Ventilation Systems	14%	• Exhaust Fans and Product-Conveying Systems • Commercial Hoods and Kitchen Ventilation
Duct Systems	16%	• Duct Construction, Installation, and Plenums • Smoke and Fire Dampers
Combustion Air	8%	• Venting of Fuel-Burning Appliances
Chimneys and Vents	10%	• Chimney and Vent Connectors
Fuel Supply Systems	8%	• Fuel Supply Installation, Testing, and Sizing

T36-N-75% National Concrete Contractor		
Questions: 60 multiple-choice		Format: Open book
Time Limit: 2:30 hours		Price: \$120
Approved References		
• 2021 International Building Code • CM: Based on the 2025 IBC and ACI 318-14		• CM: Based on the 2021 IBC and ACI 318-19, or
Content Outline		
Content Area		%
General Trade Knowledge		22%
Reinforcement		30%
Formwork, Joints, and Embeds		22%
Concrete Placement, Protection, and Curing		26%

T46-N-75% National Framing Contractor	
Questions: 50 multiple-choice	Format: Open book
Time Limit: 2:30 hours	Price: \$120
Approved References	
• 2021 International Building Code	• 2021 International Residential Code
Content Outline	
Content Area	%
General Trade Knowledge	26%
Foundation and Floor Framing	22%
Wall Framing	32%
Roof Framing	20%