Course Name	2021 IPC Update
Credit Hours	8 Hours
Instructor(s)	Randy Drake
Fee	$79.00
Reference Materials	2021 Edition of the International Plumbing Code

Course Description

This continuing education course delves into the significant changes between the 2018 and 2021 editions of the International Plumbing Code (IPC). It is designed to highlight major updates as identified in the "Significant Changes to the IPC 2021 Edition" publication, along with additional significant changes not covered in the book. Key topics include new regulations for multi-user toilet facilities, innovative techniques for relining sewers, rooftop solar panel accommodation guidelines, and the integration of ICC A117.1-2017 standards. The course offers a series of lessons covering various chapters of the IPC, supplemented with review questions and additional resources. Students will gain an understanding of the latest plumbing practices and regulations, enhancing their professional knowledge and application skills. This course is ideal for individuals seeking to stay current with plumbing code changes and apply these in practical settings.

Learning Objectives

At the completion of the course, students will be able to:

- Identify major changes introduced in the 2021 edition of the IPC.
- Understand definitions of terms from Chapter 2 of the IPC, recognizing their specific meanings within the context of the code.
- Recognize general regulations in plumbing as described in Chapter 3.
- List the minimum requirements for plumbing fixtures, faucets, and fixture fittings.
- Describe regulations surrounding the design, approval, and installation of water heaters.
- Summarize key regulations governing water supply and distribution systems.
- Outline key regulations for sanitary drainage systems.
- Explain requirements for indirect connections to the sanitary drainage system and the handling of special wastes.
- Identify venting requirements as outlined in Chapter 9.
- Recognize design requirements and installation limitations for traps, interceptors, and separators.
- Understand the purpose and installation requirements for storm drainage systems to prevent building damage.

- Explain regulations for nonflammable medical gas systems, oxygen-fuel gas systems, and other special piping and storage systems.
- Describe the design and installation requirements for nonpotable water systems.
- Summarize the regulations for the design and installation of subsurface landscape irrigation systems using nonpotable water.
- Recognize the importance of the referenced standards in Chapter 15 and understand how they integrate with the IPC.

Equipment Requirements

You must have an active, working internet connection to access this course online, as well as a platform to access the internet, such as a computer, tablet, or phone. All popular web browsers are supported, including Google Chrome, Mozilla Firefox, Safari, and Opera. No specialized software, speaker, microphone, or web camera is required.

Schedule and Location

This course is available online at any time at www.TradesmanCE.com. Upon enrolling in the course, students will have access for 365 days or until the agency issued course expiration date, whichever comes first. After the access expiration date, the student may re-activate their course if the course approval has not expired. If they do not re-activate, the course will be removed from the student's account and any progress in the course will be lost. Before the access expiration date, the student may sign in and out of the course as many times as needed to complete the course.

Student Support

Both general and technical support is available to the student before, during, and after taking the course online. Students have access to general customer support via phone, chat, and email. Students have access to the course instructor via email. All questions, concerns, and comments received will be responded to within one business day.

Participation/Interactivity Verification

Timed Logs - Per our company's record retention policy, each student's every log-in, log-out, and lesson/assessment completion time is tracked and retained as part of the student record.

Review Questions - After each section of text, students must answer a review question. Students cannot progress in the course until the question between sections has been answered correctly.

Global Timer - Students will not get credit until they spend a minimum of 400 active minutes total in the course.

Identity Verification

Unique Username/Password - Each student that wants to complete a training course with us must create and account by registering a unique personal email address and password. The student must enter this unique identifier every time they take a break from the course.

Assessment Details

Review Questions - The licensee must complete all 30 multiple-choice questions between sections correctly to get credit for the course. If their first response is incorrect, students will have to try again until they choose the correct answer.

Regulatory Auditor Access

To review and audit this course, please go to www.TradesmanCE.com. Click on the Login button on the top right and sign into the learning system using the login information below.

Username: utpbtester
Password: UTPBtester

2021 IPC Update Timed Syllabus

Section	Title	Questions	Minutes
1	Changes to the 2021 IPC	1	5
2	Introduction to the International Plumbing Code	1	8
3	Chapters of the 2021 IPC	1	16
4	Chapter 1: Scope and Administration	1	10
5	Chapter 2: Definitions - Part I	1	7
6	Chapter 2: Definitions - Part II	1	22
7	Chapter 3: General Regulations	1	26
8	Chapter 4 Fixtures Faucets and Fixture Fittings - Part I	2	38
9	Chapter 4 Fixtures Faucets and Fixture Fittings - Part II	2	47
10	Chapter 5: Water Heaters	2	49
11	Chapter 6: Water Supply and Distribution	2	35
12	Chapter 7: Sanitary Drainage	2	51
13	Chapter 8: Indirect/Special Waste	1	31
14	Chapter 9: Vents	2	50
15	Chapter 10: Traps, Interceptors, and Separators	2	38
16	Chapter 11: Storm Drainage	2	34
17	Chapter 12: Special Piping and Storage Systems	1	10
18	Chapter 13: Nonpotable Water Systems	1	35
19	Chapter 14: Subsurface Landscape Irrigation Systems	1	16
20	Chapter 15: Referenced Standards	1	9
21	Appendices A-C	1	10
22	Appendices D-F	1	27
	Totals:	**30**	**572**
	Student Minimum Time Required:		**400**