



**TUALATIN BUILDING DIVISION**  
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## CURRENTLY ADOPTED CODES

**Accessibility Information:** This information can be made available in alternative formats such as large print or audio tape. To request alternative formats, please call 503-691-3044 or email [building@tualatin.gov](mailto:building@tualatin.gov)

As mandated by the Oregon Revised Statute (ORS) Chapter 455, a uniform set of building codes must be adopted by all jurisdictions within the State of Oregon. The City of Tualatin adopts the State of Oregon Building Codes in accordance with those rules without local amendments. A list of the currently adopted codes can be found on the Oregon Building Codes Division website at: <https://www.oregon.gov/bcd/codes-stand/Pages/adopted-codes.aspx>. The current codes are listed as follows:

- **2021 Oregon Residential Specialty Code (ORSC):** Based on the 2018 International Residential Code and amended by the State of Oregon.
- **2022 Oregon Structural Specialty Code (OSSC):** Based on the 2021 International Building Code and amended by the State of Oregon and City of Tualatin.
  - **Tualatin Design Specifics:**
    - \*Assumed values/loads unless a site-specific report from a design professional is submitted indicating different values/loads.
    - **Roof Snow Load Data (OSSC 1608.2):**
      - Minimum Snow Load: 20 psf x Importance Factor + Rain-on-Snow Surcharge.
      - Rain-on-Snow Surcharge: 5 psf for roofs having a slope  $\leq$  1:12 or any roof that constrains runoff.
      - Ground Snow Load (for drift): see <http://snowload.seao.org/lookup.html>
    - **Wind Design Data:**
      - Basic Design Wind Speed (OSSC Table 1609.3)
        - Risk Category I: 91 mph
        - Risk Category II: 97 mph
        - Risk Category III: 103 mph
        - Risk Category IV: 107 mph
      - Wind Exposure: B\*
    - **Earthquake Design Data:**
      - Seismic Design Category: D (OSSC Table 1613.2.5)
      - Mapped Acceleration Parameters: [ATC Hazards by Location](#)
    - **Geotechnical Information**
      - Presumptive Load-bearing Values (OSSC Table 1806.2)
        - Class of Materials: Silt (ML)\*
        - Vertical Foundation Pressure: 1,500 psf\*
        - Lateral Bearing Pressure: 100 psf/ft\* below natural grade
    - **Lateral Soil Load (OSSC Table 1610.1):** 45 psf/ft\* of depth (active)
    - **Frost Depth – 12"**

- **2021 Oregon Energy Efficiency Specialty Code (OEESC):** Based on ASHRAE Standard 90.1-2019 and Chapters 1 & 13 of the OSSC and amended by the State of Oregon.
- **2022 Oregon Mechanical Specialty Code (OMSC):** Based on the 2021 International Mechanical Code and International Fuel Gas Code and amended by the State of Oregon.
- **2021 Oregon Electrical Specialty Code (OESC):** Based on the 2020 NFPA 70 and National Electrical Code and amended by the State of Oregon.
- **2021 Oregon Plumbing Specialty Code (OPSC):** Based on the 2021 Uniform Plumbing Code and amended by the State of Oregon.
  - **Tualatin Design Specifics:**
    - Rainfall Design: 2" per hour
- **Fire Sprinkler Systems:**
  - **Residential Low-rise:** 2019 edition of NFPA-13R
  - **1 & 2 Family Dwellings:** 2019 edition of NFPA-13D
- **Fire Alarm Systems:** 2019 edition of NFPA-72

## CODE ADOPTION HISTORY

### Residential Specialty Code (Replaces the 1 & 2 Family Dwelling Specialty Code)

<b>Model Code</b>	<b>Adoption Date</b>
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\* Prior editions where those provisions contained in the UBC, UMC, UPC, NEC.

1983 CABO	May 1, 1986
1989 CABO	April 1, 1990
1992 CABO	May 1, 1993
1992 CABO	April 1, 1995
1995 CABO	April 1, 1996
1998 IOTFDC	April 1, 2000
2000 IRC	April 1, 2003
2003 IRC	April 1, 2005
2006 IRC	April 1, 2008
2009 IRC	July 1, 2011
2015 IRC	October 1, 2017
2018 IRC	April 1, 2021

CABO – Council of American Building Officials

IOTFDC–International One and Two Family Dwelling Code

IRC – International Residential Code

### Structural Specialty Code

<b>Model Code</b>	<b>Adoption Date</b>
1973 UBC	July 1, 1974
1976 UBC	March 1, 1978
1979 UBC	July 1, 1980
1982 UBC	August 1, 1983
1985 UBC	July 1, 1986
1988 UBC	January 1, 1990
1991 UBC	January 1, 1993
1994 UBC	April 1, 1996
1997 UBC	October 1, 1998
2003 IBC	October 1, 2004
2006 IBC	April 1, 2007
2009 IBC	July 1, 2010
2012 IBC	July 1, 2014
2018 IBC	October 1, 2019
2021 IBC	October 1, 2022

UBC – Uniform Building Code

IBC – International Building Code

### Mechanical Specialty Code

<b>Model Code</b>	<b>Adoption Date</b>
1973 UMC	July 1, 1994
1976 UMC	March 1, 1978
1979 UMC	July 1, 1980
1982 UMC	August 1, 1983
1985 UMC	May 1, 1986
1988 UMC	January 1, 1990
1991 UMC	January 1, 1993
1994 UMC	April 1, 1996
1998 IMC	October 1, 1999
2000 IMC	October 1, 2002
2003 IMC	October 1, 2004
2006 IMC	April 1, 2007
2009 IMC	July 1, 2010
2012 IMC	July 1, 2014
2018 IMC	October 1, 2019
2021 IMC	October 1, 2022

UMC – Uniform Mechanical Code

IMC – International Mechanical Code

## Plumbing Specialty Code

<u>Model Code</u>	<u>Adoption Date</u>
1973 UPC	July 1, 1974
1976 UPC	March 1, 1978
1979 UPC	July 1, 1981
1982 UPC	August 1, 1983
1985 UPC	January 1, 1987
1988 UPC	January 1, 1990
1991 UPC	February 1, 1992
1994 UPC	January 1, 1996
1997 UPC	April 1, 2000
2003 UPC	April 1, 2005
2006 UPC	April 1, 2008
2009 UPC	April 1, 2011
2012 UPC	October 1, 2014
2015 UPC	October 1, 2017
2021 UPC	April 1, 2021

UPC – Uniform Plumbing Code

## Electrical Specialty Code

<u>Model Code</u>	<u>Adoption Date</u>
1968 NEC	January 1, 1969
1971 NEC	May 1, 1972
1975 NEC	July 1, 1975
1978 NEC	January 1, 1978
1981 NEC	October 1, 1981
1984 NEC	July 1, 1984
1987 NEC	May 1, 1987
1990 NEC	July 1, 1990
1993 NEC	July 1, 1993
1996 NEC	October 1, 1996
1999 NEC	April 1, 2000
2002 NEC	October 1, 2002
2005 NEC	April 1, 2005
2008 NEC	April 1, 2008
2011 NEC	April 1, 2011
2014 NEC	October 1, 2014
2017 NEC	October 1, 2017
2020 NEC	April 1, 2021

NEC – National Electrical Code

## Fire Prevention Code

<u>Model Code</u>	<u>Adoption Date</u>
1973 UFC	
1976 UFC	
1979 UFC	
1982 UFC	
1985 UFC	
1988 UFC	June 3, 1991
1991 UFC	February 8, 1993
1994 UFC	January 7, 1997
1997 UFC	June 9, 1999
2003 IFC	January 10, 2005
2006 IFC	April 1, 2007
2009 IFC	July 1, 2010
2012 IFC	July 1, 2014
2019 OSSC Ch. 4	October 1, 2019
2022 OSSC Ch. 4	October 1, 2022

UFC - Uniform Fire Code

IFC - International Fire Code

OSSC – Oregon Structural Specialty Code