

WIKIPEDIA

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Main page

Contents

Featured content

Current events

Random article

Donate to Wikipedia

Wikipedia store

Interaction

Help

About Wikipedia

Community portal

Recent changes

Contact page

Tools

What links here

Related changes

Upload file

Special pages

Permanent link

Page information

Wikidata item

Cite this page

Print/export


Create a book


Download as PDF

Printable version


Languages

العربية

 Edit links



Wiki Loves Earth photo contest: Discover the Spanish natural heritage, upload your pictures in May, help Wikipedia and win prizes. Participate!



Uniformat

From Wikipedia, the free encyclopedia

UniFormat is a standard for classifying building [specifications](#), [cost estimating](#), and cost analysis in the U.S. and Canada. The elements are major components common to most buildings. The system can be used to provide consistency in the economic evaluation of building projects. It was developed through an industry and government consensus and has been widely accepted as an ASTM standard.^[1]

Contents

[hide]

1

[History](#)

2

[UniFormat level 1 categories](#)

3

[UniFormat levels 2 and 3 categories](#)

4

[References](#)

5

[External links](#)

History [edit]

[Hanscomb Associates](#), a cost consultant, developed a system called MASTERCOST in 1973 for the [American Institute of Architects](#) (AIA). The U.S. [General Services Administration](#) (GSA), which is responsible for government buildings, was also developing a system. The AIA and GSA agreed on a system and named it UNIFORMAT. The AIA included it in their practice on construction management, and the GSA included it their project estimating requirements. In 1989, [ASTM International](#) began developing a standard for classifying building elements, based on UNIFORMAT. It was renamed to UNIFORMAT II.^[2] In 1995, the [Construction Specifications Institute](#) (CSI) and Construction Specifications Canada (CSC) began to revise Uniformat. UniFormat is now a trademark of CSI and CSC and was most recently published in 2010.^[3]

A new strategy to classify the built environment, named OmniClass,^[4] incorporates the elemental building classification in its Table 21 Elements. The numbering system is changed in OmniClass.

UniFormat level 1 categories [edit]

- A SUBSTRUCTURE
- B SHELL

- C INTERIORS
- D SERVICES
- E EQUIPMENT AND FURNISHINGS
- F SPECIAL CONSTRUCTION AND DEMOLITION
- G BUILDING SITEWORK

UniFormat levels 2 and 3 categories [edit]

An example of how the numbering system expands to provide additional detail below level 1 is shown for A SUBSTRUCTURE

A10	Foundations
A1010	Standard Foundations
A1020	Special Foundations
A1030	Slab on Grade
A20	Basement Construction
A2010	Basement Excavation
A2020	Basement Walls

References [edit]

- ↑ Robert P. Charette, Harold E. Marshall, "UNIFORMAT II Elemental Classification for Building Specifications, Cost Estimating, and Analysis" U.S. Department of Commerce, Technology Administration, National Institute of Standards and Technology, NISTIR 6389, October 1999
- ↑ Robert P. Charette, Harold E. Marshall, "UNIFORMAT II Elemental Classification for Building Specifications, Cost Estimating, and Analysis" U.S. Department of Commerce, Technology Administration, National Institute of Standards and Technology, NISTIR 6389, October 1999
- ↑ "Uniformalt," Construction Specifications Institute, <http://www.csinet.org/uniformat>​
- ↑ <http://www.omniclass.org/>​

External links [edit]

- [Construction Specifications Canada \(CSC\)](#)​
- [Specifications Institute \(CSI\)](#)​

Categories: [Construction documents](#)