



# Building Type Basics for College and University Facilities

By David J. Neuman

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**Building Type Basics for College and University Facilities** By David J. Neuman

## Essential information for the design of college and university facilities

*Building Type Basics for College and University Facilities, Second Edition* is your one-stop reference for the essential information you need to confidently begin the planning process and successfully complete the design of college and university buildings, large or small, on time and within budget. Award-winning architect and planner David J. Neuman and a roster of industry-leading contributors share their firsthand knowledge to guide you through all aspects of planning higher education facilities, including learning centers, academic buildings and professional schools, scientific research facilities, housing, athletics and recreation facilities, social and support facilities, and cultural centers. The book combines up-to-date coverage of essential issues related to campus planning, programming, and building design guidelines with detailed project examples.

This new edition offers:

- Numerous photographs, diagrams, plans, and sections
- Updated project examples, including several buildings completed in the last decade
- Up-to-date coverage of sustainability and technology issues
- A new chapter on historic preservation, rehabilitation, and adaptive use of existing buildings
- New material on the influence of interdepartmental collaboration and renewed communication on the built environment for campuses

This conveniently organized quick reference is an invaluable guide for busy, dedicated professionals who want to get educated quickly as they embark on a new project. Like every Building Type Basics book, it provides authoritative, up-to-date information instantly and saves professionals countless hours of research.

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## Building Type Basics for College and University Facilities By David J. Neuman Bibliography

- Sales Rank: #1396803 in Books
- Published on: 2013-06-10
- Original language: English
- Number of items: 1
- Dimensions: 9.50" h x 1.05" w x 8.30" l, 2.00 pounds
- Binding: Hardcover
- 416 pages

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## **Editorial Review**

### **From the Inside Flap**

Building Type Basics for College and University Facilities is a one-stop source for the essential information architects, engineers, and facility planners need to fast-start the design process. In this book, award-winning architect and planner David Neuman, along with an impressive list of industry-leading contributors, addresses a broad scope of essential issues concerning campus architecture, including such sweeping advancements as distance learning facilities, technology-driven research laboratories, and electronically enhanced dormitories. Dozens of successful projects by a variety of designers are showcased, bringing to life in-depth material on such topics as cultural centers (Hardy Holzman Pfeiffer Associates); libraries and learning centers (Moore Ruble Yudell); teaching buildings and professional schools (Robert A.M. Stern Architects); science teaching and research buildings (Ellenzweig Associates); social and support facilities (Kieran Timberlake Associates); athletics and recreation facilities (Sasaki Associates); sustainability (Foster and Partners); and housing (Esherick Homsey Dodge and Davis).

This indispensable guide:

- Asks and answers twenty questions that frequently arise in the early phases of a project commission
- Provides project photographs, diagrams, floor plans, sections, and details
- Includes design guidelines for a variety of college and university building projects, from new construction to renovations and additions

This conveniently organized quick reference is an invaluable guide for busy, dedicated professionals who want to get moving quickly as they embark on a new project. Like every Building Type Basics book, it provides authoritative, up-to-date information instantly and saves architects and facility planners countless hours of research. Engineering consultants will also find in this volume a wealth of information to help them tackle college and university building commissions of all kinds.

### **From the Back Cover**

The fastest way to straighten out the learning curve on specialized design projects

"The series is welcome . . . By providing recent buildings as examples, supported with

technical information and charts of design criteria, these books attempt to bridge the gap between theory and practice."

-Oculus

Building Type Basics books provide architects with the essentials they need to jump-start the design of a variety of specialized facilities. In each volume, leading national figures in the field address the key questions that shape the early phases of a project commission. The answers to these questions provide instant information in a convenient, easy-to-use format. The result is an excellent, hands-on reference that puts critical information at your fingertips.

Building Type Basics for College and University Facilities provides in-depth information that is essential to initiate designs for a variety of building projects-from new construction to renovations and additions-on a diverse range of college and university campuses, from isolated rural environments to large urban settings. Filled with project photographs, diagrams, floor plans, sections, and details, this book combines highly

illustrative, specialized material from industry leaders with the nuts-and-bolts design guidelines that will start any project off on the right track and keep it there through completion.

#### About the Author

**DAVID J. NEUMAN, FAIA, LEED AP**, is the architect for the University of Virginia, where he guides sustainability and land use planning, facilities planning and design of capital projects, and stewardship of cultural resources. Neuman previously served as University Architect and Associate Vice Provost for Planning at Stanford University, Campus Architect and Associate Vice Chancellor for Planning at the University of California, Irvine, and Consulting Campus Architect for the University of California, Santa Barbara, and the University of Nebraska System.

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