

OCCUPANT-CENTERED DESIGN FOR SUSTAINABLE ORGANIZATIONS

Occupant-Centered Design for Sustainable Organizations (one-hour course)

Speaker: Jay Brand, Ph.D.

Subject Code Index: 2:3 and 12 Interior Design: Design Trends & Sustainable Design

IIDA Course #7397

AIA Course #HAW546, including Health, Safety, Welfare

Course Description: What are the latest trends for occupancy quality and occupant health within organizations? What technologies and organizational influences will shape the “Office of the Future?” Are there examples of shifts in office design and facilities management that have already taken place? Can the impact of office and facilities design be measured in business-relevant ways? This course uncovers several important considerations for future office design.

This course will cover the following objectives:

- Examine the underlying dimensions of organizational change and the impacts on occupant-centered design.
- Evaluate options that increase the occupancy quality of environments to support worker health and productivity.
- Define the importance of integrating CRE/FM, IT/IS, and HRM into future office designs that drive performance and create sustainable organizations.

Course Outline:

1. Organizations are in the midst of change; most of these changes have been occurring over the span of several decades with no end in sight. Many of these changes lie outside the control of individual organizations. What are the major dimensions for these changes? What are their implications for office design and facilities management? What are the impacts on occupant-centered design?
2. Organizational and Facilities Design Implications
Since organizations must be flexible to accommodate these unprecedented levels of change, what are the best approaches for defining success for office environments? Can measures be derived that allow the comparison among different approaches for office design and facilities management? How can office and facilities design be tied to business objectives and corporate goals? How do differences among different generations of workers influence such suggestions? We will evaluate options that increase the occupancy quality of environments to support worker health and productivity.
3. Related Concepts/Considerations
 - Industrial/Organizational Psychology
 - Future work trends: generations, legislation, technology, and green design
 - Beyond Space Standards: Using HR Measures to Evaluate Facilities Management
 - Sustainable building methods, materials selection and re-use, churn and employee productivity
4. Summary and Conclusions
 - Psychosocial considerations in technological developments
 - The changing nature of work
 - Will “telework” eventually modify these conclusions?