CAD as a tool in urban design: a study in reunited Germany

Alternative Title: Computer Aided Design as a tool in urban design: a study in reunited Germany

Author: Jurkschat, Axel (Axel R. M.)

Citable URI: http://hdl.handle.net/1721.1/67518

Other Contributors: Massachusetts Institute of Technology. Dept. of Architecture.


Department: Massachusetts Institute of Technology. Dept. of Architecture.

Publisher: Massachusetts Institute of Technology

Date Issued: 1995

Abstract:
Architecture is a phenomenon of space and time. Since ancient times mankind has found its place in space and time with the help of architecture. Thus architecture refers to more than just practical requirements, science and business. It is concerned with existential meaning. Every architect experiences the relationship between the ideas, the drawings, the completed buildings and the urban environment, when a building is erected. Since the era of humanism, when the modern theory of architecture was established on Vitruvius, there have been repeated attempts to define and develop this relationship. The system in situ is barely able to manage all the information concerning the design as well as the erection process. This thesis is an attempt to organize all available information on an urban scale using a CAD system and develop a design strategy to serve the idea of reflection of the past in today's urban environment. With a famous past, a rapidly changing present and, hopefully, a brilliant future the City of Dresden / Germany is used as an example to demonstrate both tasks.

Description:
Thesis (M.S.)--Massachusetts Institute of Technology, Dept. of Architecture, 1995.; Rotch Library's copy does not have computer cartridge.; Includes bibliographical references (p. 55-56).

URI: http://hdl.handle.net/1721.1/67518

Keywords: Architecture.

Show full item metadata

Files in this item

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Format</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40520092-MIT.pdf</td>
<td>14.07Mb</td>
<td>PDF</td>
<td>Full printable version</td>
</tr>
</tbody>
</table>

Purchase paper copies of MIT theses

This item appears in the following Collection(s)

- Architecture - Master's degree
- Architecture - Master's degree
For urban design UK would be a better choice but masters in the UK is mostly a one year course which again might create issues with accreditation in India. One should check with the respective schools while applying.

If you are interested in working as an architect in practice, I'd suggest going to Germany. I say that because the education in Germany is more industry oriented as compared to the US. However, some programs in US have an edge over the ones in Germany. Landscape architecture studies has better opportunities in the US. Having said that, it really depends on the area of study you are interested in. Some universities in Germany offer some very good courses as compared to other universities, same thing goes for the universities in the US. Accordingly, in urban development nothing is more sustainable than a vital inner city. This thesis is correct for both shrinking cities in Germany and metropolitan areas in the MENA region. Rehabilitation processes require an integrated approach, finally fixed in the urban form, and guidelines that guarantee stability and continuity for all further development.

Applications and Admissions. Admissions Requirements. Bachelor degree or equivalent in Architecture, Urban Design, Urban Planning, Regional Planning, Landscape Planning or Landscape Architecture. Experience in identifying relevant urban development problems, defining tasks, methods and strategies to solve problems and the ability to ... Design studies can have a very different focus and scale. Whereas industrial design is focused on designing products, urban design is considering the arrangement, appearance and functionality towns and cities. Read more about studying Design. Not sure if Design is for you? Take personality test. Studying in Germany. This page shows a selection of the available study options in Germany. If you're interested in studying Design in Germany you can view all 22 Masters programmes. You can also read more about the Design discipline in general, or about studying in Germany. Many universities in Germany offer study programmes taught in English. Before starting a programme, you need to have a basic knowledge of the English language.