### Graduation Plan: Architecture

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#### Studio
- **Theme:** Complex Projects
- **Teachers:** Kees Kaan, Mitesh Dixit

**Argumentation of choice of the studio:**
The name Complex Projects triggers my interest for the choice of the studio. Architecture is by mine opinion in essence always complex. If everyone could do it, it would be easy. Different factors like needs, opinions, clients, users and laws need to be combined. If you design you always needs to find a way to this, does not matter which scale you work on.

- **Theme:** Chicago South Works
- **Teacher:** Orlindo Caso

#### Title
South Recycle Expo Center

#### Product

##### Problem Statement
South works Chicago is the former home of the Chicago Steel company. After the closing of Chicago’s Steel company the people left the adjacent neighborhood which inter alia led to vacancy of buildings and plots. But also crime, unemployment, low education are problems the neighborhood deals with.

The enormous scale of the site and the position next to Lake Michigan gives opportunities to the city of Chicago. Also the adjacent neighborhood can provide of the development of the site.

**Research question**
What will be a new suitable identity for the South of Chicago? And which role plays my design for this new identity.

##### Goal
The project will contribute to the development of the adjacent neighborhood and will give a new identity to South Chicago.

##### Process
**Method description**
The design method I use for the project can be divided in different steps.
• Site research
• Theme research
• Morphological and typological studies
• Design research
• Final design

Site research
The site research is build up out of different parts L, M and S. L is about Illinois to Chicago, M about Chicago to the neighborhood and S neighborhood to the site.

Theme research
Recycling will be the main focus of the theme research. We want to know how recycling and Chicago function together and if there is an opportunity to use recycling as new identity for the South of Chicago. What can we learn of other cities? How do the case studies work?

An ambition/ strategy for the site will be made during these steps in a group of students.

Morphological and typological studies
The case studies used in the theme research and case studies related to the chosen program will be playing a part in the morphological and typological studies. By analyzing the program, drawings and use of these projects I will get information for the design of my building.

Design research
Model and drawings will be used for the design research. The design choices will based on the problem statement, research question and the goal.

Final design
The final design will consist out of plans, sections, facades, details and impressions.

Literature and general practical preference

Problem related resources

Websites


http://articles.chicagotribune.com/keyword/garbage-collection

http://www.chicagorecycling.org/index.htm

http://online.wsj.com/news/articles/SB10001424052970203476804576612851452362670

http://www.sustainable-chicago.com/archive/


http://www.urbanlab.com/index.html

Thematic sources


PDF

Philip Carter, Bill Rojas and Mayur Sahni (2011), ‘Delivering Next-Generation Citizen Services’ Siemens AG, Industry Sector, Mobility Division (2009), Sustainable Urban Infrastructure’

Siemens AG ,Infrastructure & Cities Sector Mobility and Logistics Division (2011), ‘Hubs of the future : An integrated mobility network for passengers and freight’

Websites

http://www.constructiondigital.com/brochures/10615

http://www.jrma.com/puentehills.html

http://www.bls.gov/oes/current/oesS37081.htm
**Reflection**

**Relevance**

Be creating a new identity for South Chicago the project can be an example for other parts of the city of Chicago but also for other cities.

**Time Planning**

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>01</td>
<td>06th September</td>
<td>Introduction and group selection</td>
</tr>
<tr>
<td>02</td>
<td>13th September</td>
<td>PIN-UP #1</td>
</tr>
<tr>
<td>03</td>
<td>20th September</td>
<td>desk crits</td>
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<tr>
<td>04</td>
<td>27th September</td>
<td>FIRST DRAFT OF STUDIO RESEARCH BOOK</td>
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<tr>
<td>05</td>
<td>4th October</td>
<td>PIN-UP #2</td>
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<tr>
<td>06</td>
<td>11th October</td>
<td>CHICAGO TRIP</td>
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<td>07</td>
<td>18th October</td>
<td>READING WEEK</td>
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<tr>
<td>08</td>
<td>05 April</td>
<td>Begin Phase 2, Define Argument</td>
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<tr>
<td>09</td>
<td>01st November Mid</td>
<td>PIN-UP #3</td>
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<tr>
<td>10</td>
<td>08th November</td>
<td>P1</td>
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<tr>
<td>11</td>
<td>15th November</td>
<td>desk crits</td>
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<tr>
<td>12</td>
<td>22nd November</td>
<td>desk crits</td>
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<tr>
<td>13</td>
<td>29th November</td>
<td>PIN-UP #4</td>
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<td>14</td>
<td>06th December</td>
<td>desk crits</td>
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<td>15</td>
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<td>desk crits</td>
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<tr>
<td>16</td>
<td>20th December</td>
<td>FORMAL PIN-UP</td>
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<tr>
<td>17 - 19</td>
<td>Holiday</td>
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<tr>
<td>20</td>
<td>10th January</td>
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<tr>
<td>22</td>
<td>17th January</td>
<td>P2</td>
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**Attention**

Part of the graduation (especially in the MSc 4) is the technical building design. Therefore a Building Technology teacher will be part of the tutoring team from the P2 presentation on. This should be taken into account when writing the Learning plan / personal graduation contract, in the time planning as well as in the relation to the content (e.g. statement, method and/or relevance).