Berlin Summer ACADEMY 2012
ARCH 576 4 credits in June 2012
Information Meeting
DECEMBER 5th at 12.00 noon on the 4th floor landing

Contact:
Ulrike Passe
upasse@iastate.edu
Erin French
efrench@iastate.edu
Berlin
Registering for Classes

- Arch 576 section DE 4 credits
BERLIN and the USA
Die Berliner – a special brand
Our collaborators and partner

- **Beuth Hochschule**
- **HCU** (Hafencity University Hamburg)
- Bauhaus University **Weimar**
- Dessau Institute of Architecture **DIA**
Artists / Movies / Architects / Writers
- Wim Wenders: Wings of Desire
- Billy Wilder: One two three
- Tim Tykwer: Lola runs

History:
- Alan Balfour: Berlin: The Politics of Order

Novels
- Alfred Doeblin: Berlin Alexanderplatz
- Walter Benjamin: Berliner Kindheit / Berlin Childhood
- The Berlin Stories“ and 'Mister Norris changes trains by Christopher Isherwood

Contemporary / Post 1989
- Vladimir Kaminer: Russian Disco
- Timothy Garton Ash: The File
Meet and collaborate
Study the work of world famous architects
Beuth Hochschule and Bernd Witteck
German Class generally every morning
Listen and learn
Understand the planning process
Work, discuss, create, collaborate
Hamburg
Hamburg
Sustainable Urban Design
More work, learn, collaborate:
Digital, performance, energy optimization
Dessau
June 15/16

- Gropius’ Bauhaus
- Visit Meisterhaeuser
- Visit Woerlitz
  - 1st English landscape park in the continent
Visit Bauhaus
Green Live in action

More visits in Berlin TBD
More work and a public symposium
DEVELOPING A FOCUS

Zoe Bick
Marrett-Rebecca Dubbels
Serena Miceli
Lucia Picone
3 summer month
1 specific day in a winter month

10. December SW/SE

10. December NW/NE

10. January SW/SE

10. January NW/NE

10. February SW/SE

10. February NW/NE
1 specific day in a summer month

10. July SW/SE
10. July NW/NE
10. August SW/SE
10. August NW/NE
10. September SW/SE
10. September NW/NE
IDEA

EYE
FILTER OF:
Light
FACADE
FILTER OUTSIDE/INSIDE OF:
Light/Temperature/People
EYE  →  SIGHT

EYELID
- SUNSCREEN
- MOVABLE

PUPIL
- MOVABLE
- CONTRACT/DILATE

Undilated pupil

Dilated pupil
MECHANICAL EYE

Jean Nouvel - Institut du monde arabe
DEVELOPMENT OF THE IDEA

FIRST IDEA

Openings

+ Shadow device
DEVELOPMENT OF THE IDEA

eyebell
1° facade
2° facade
Mechanical eye
MECHANICAL EYE

Semplification

open/close change

move

fixed point

size can change
Idea of movement
DOUBLE FACADE

GLASS FACADE + MECHANICAL FACADE
DEVELOPMENT OF THE FACADE

Exemple of the facade on a specific day – 10th September
Exemple of the facade on a specific day – 10th September
Building facade is similar to a chameleon, the colors change when the shades move.

Light filters through the warm colors of the facade.

Importance of colour.
Characteristic:
Flexible
Translucent
Each triangle moves on a rail
DAYLIGHT FACTOR - Development

10 September – 12.00
South-West Facade

$\frac{1}{2} - \frac{1}{4}$

$\frac{1}{2} - \frac{3}{4}$
DEVELOPMENT OF THE FACADE LIKE A SPACE

Architectural space
Energy and Light filter
DEVELOPMENT OF THE SPACE

**Key**
- workspace = lots of daylight
- hall = less daylight needed
- building core: artificial light

Winter

Summer
DEVELOPMENT OF THE SPACE

Sunny with sun

Overcast sky
FINAL PARTY, location tbd