Welcome to Gothic Cathedrals!

Prof. Bruzelius

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Chartres Cathedral, begun 1194
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Beauvais Cathedral, begun ca. 1225
a story of political struggle, conflict, and structural failure –
Siena Cathedral: episodic, unfinished
The Destruction of Churches after the French Revolution
Destruction of images in the Reformation
Karl Friedrich Schinkel, Cathedral over a Town, c. 1830
Bombardment of Rheims Cathedral in WWI
Caen, Normandy (France), WWII
Themes of our course:

- Construction and structure: the “Gothic Miracle”
- The organization and administration of the construction and financing of multi-generational building projects (space, materials, skilled labor)
- The City: urban topography and resources
- Labor: salaries and workshops
- Gigantism: Power and Authority: the Bishop, the Commune, the King
symbolism and function

The cathedral in the city

Inclusion/exclusion

Salvation and access to the sacred

Saints and their relics
Hans Memling, the Last Judgment, Gdansk, 1467-1471
Gentile da Fabriano, pilgrims at the tomb of Saint Nicholas
but what is the relationship of the ordinary person to the sacred?
L'Eglise de Notre dame Velle par le dedans à l'entrée de laquelle est le Baron du Bruoit qui vient offrir à la vierge le boulet de canon dont il a été frappé sans être
How do we work at Duke?

hands on learning:
The chapel as a laboratory
Design your own cathedral;
Autocad training
Online lectures
Papers (1) and Exams (2)

Active Participation!
Design your own Cathedral
Materials

- Marble
- Mt Pisano quarry
- Limestone
  - Local from Orecchio di Dionisio
- Glass
  - Raw from Palermo
- Wood
  - Local forest
Important Resources: Marušići

- Quarry at Kornarija: White Istrian Stone
- Pine Forests
- Lime Quarry
- Rich Farmlands, wheat, grapes, olives
- Important market road – running from Buje to Oprtalj
- Within 12km of port at Omis – Rich trade in wine, olive oil, and grains

Image: http://www.galerijagt-famul.si/marusici
May God’s peace be upon you. My name is Hillary and I am the architect of this cathedral. I grew up in Sicily and am of Muslim descent. When I was sixteen, I heard the voice of God speaking to me. He said that I must travel to France and seek His truth there. I went to France where I learned the French language and where I became Catholic. I worked for years on the magnificent cathedrals at Chartres, Paris, and Reims. Now, after talking with the Sicilian Bishop, I have decided without hesitation to return to Sicily and to create the most beautiful cathedral for my family and for my country.
On the Currency of Jameraan
1 “Loaf of Bread” = 1 Penninge
A “Day’s Wage” = 2 Penninge
12 Penninges = 1 Grote
12 Grotes = 1 Stuvier
12 Stuviers = 1 Guilder

On the Procurement of Monies and Resources

**Material Donations**
- Limestone Quarry from the Count of Brabant
- Timber from the Forests of St. Wivina’s Monastery
- Oxen and Horses of St. Lambert’s Monastery

**Monetary Donations**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>Duration</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count of Brabant</td>
<td>300 Gld</td>
<td>94 yrs</td>
<td>28,200 Gld</td>
</tr>
<tr>
<td>Cannons and Church Properties</td>
<td>900 Gld</td>
<td>94 yrs</td>
<td>84,600 Gld</td>
</tr>
<tr>
<td>Sts. Lambert &amp; Wivina Monasteries</td>
<td>500 Gld</td>
<td>94 yrs</td>
<td>47,000 Gld</td>
</tr>
<tr>
<td>Guilds</td>
<td>500 Gld</td>
<td>94 yrs</td>
<td>47,000 Gld</td>
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<tr>
<td>Townsfolk</td>
<td>200 Gld</td>
<td>94 yrs</td>
<td>18,800 Gld</td>
</tr>
<tr>
<td>Pilgrims</td>
<td>50 Gld</td>
<td>94 yrs</td>
<td>4,700 Gld</td>
</tr>
</tbody>
</table>

**Tolls and Tithes**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>Duration</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road Toll (2%)</td>
<td>50 Gld</td>
<td>94 yrs</td>
<td>4,700 Gld</td>
</tr>
<tr>
<td>Water Toll (2%)</td>
<td>150 Gld</td>
<td>94 yrs</td>
<td>14,100 Gld</td>
</tr>
<tr>
<td>Tithes (a portion)</td>
<td>150 Gld</td>
<td>94 yrs</td>
<td>9,400 Gld</td>
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Needed: **252,948.64 Gld**

Total Revenue: **258,500 Gld**
Best Bishop!

Life-long celibacy no longer required
Lincoln History

- Christianized in 601 by St. Augustine of Canterbury
- Bishop’s See located in Dorchester-on-Thames
- Bishop Remigius moves location to Lincoln after Norman Conquest
- Original Cathedral completed in 1092
- 1141, Fire destroys the roof, rebuilt by Bishop Alexander
- 1185 . . .
Group Prizes
...as a wise director of works
I laid a foundation, but
someone else is building it.
But let each one keep
watching how he is building
on it. (Corinthians 3:10)

Using a “medieval voice”
Miracles of our Church, and the wonderful people of Nantes who have contributed to this cathedral

Clerestory windows of the nave will tell stories of the Old Testament

The wonderful and glorious life of our Saint Paul

The wonderful and glorious life of our Saint Pierre (Saint Peter)

Stories from the New Testament

In honor of the great Duchy of Brittany

Dedicated to the Almighty Savior

In admiration of Notre Dame, The Virgin Mary
learning Autocad
YOU CAN DO IT-
WE CAN HELP!
Topic 1: THE DEVELOPMENT OF TECHNOLOGY AND STRUCTURE

Beauvais Cathedral interior

Vertical section of Beauvais
Topic 2: symbolism and function

The idea of the cathedral in the city
Inclusion/exclusion

Salvation and access to the sacred

Saints and their relics
How did social relations condition the building of a cathedral?

Consensus and administration

Funding and other resources such as materials

Long-term planning

Finding space – how do you fit a big building into a densely-inhabited city?
The bishop

The king

The count

The papacy

The people
the role of the individual

the bishop; the chapter

the abbot (Abbot Suger)

the king or queen

noble patrons

In Italy, on the Rhine, in Flanders and N. Germany: the townspeople
Abbot Suger of St. Denis
Maurice de Sully, Bishop of Paris, founder of the new cathedral
How did the cathedral serve the public?

The sacraments
Relics and pilgrimage
Rogier van der Weyden’s Seven Sacraments altarpiece
Relics and the Bodies of the Saints