

Topics in Renaissance to Mid-Eighteenth Century Architecture

Fall, 2016

ARCH 423

Thomas Leslie, AIA, Instructor

TR 1410-1530 3cr

SYLLABUS (Preliminary, correct as of 21 August 2016)

PRIMARY READINGS; Robert Friedel, *A Culture of Improvement: Technology and the Western Millennium* (Cambridge; MIT Press, 2007).

Harry Mallgrave, ed., *Architectural Theory: Volume I, An Anthology from Vitruvius to 1870*. (Malden, MA.; Blackwell, 2006).

Peter Murray, *The Architecture of the Italian Renaissance* (Schocken, 1975).

Christopher Wilson, *Gothic Architecture* (London: Thames and Hudson, 1990).

WEEK	DATE	TOPIC & READINGS (Those marked “**” are particularly recommended).
I	23 Aug	<p>I. Introduction—Three Renaissances</p> <ul style="list-style-type: none"> • Robert Friedel’s <i>Culture of Improvement</i> (2007) and impact of technological change in Western Europe from 11th century. • Three phases of intense experimentation arose from new economic, technological, and cultural vectors: <ul style="list-style-type: none"> ○ 11th-13th c. French Renaissance (“Gothic”) ○ 15th-17th c. Italian Renaissance (“Renaissance”) ○ 16th-18th c. English and French Renaissance (“Enlightenment”) • Overview: Europe at the Carolingian Renaissance (10th Century) • The Gothic: Overview <p>READINGS:</p> <p>** Robert Friedel. <i>A Culture of Improvement: Technology and the Western Millennium</i> (Cambridge; MIT Press, 2007). , Introduction, 1-12.</p>
	25 Aug	<p>2. Social, Cultural, and Economic Forces in the 12th-14th Century.</p> <ul style="list-style-type: none"> • Agricultural and Urban Revolutions, 900-1200 • Monasticism and Scholastic Philosophy—new ways of knowing • Sacred Architecture, 300-1000: The Basilica Type • Norman Architecture and New Structural Ideals from the East • Vaulting <p>READINGS:</p> <p>Augustine, selections from <i>De Ordine</i> and <i>De Musica</i> in Albert Hofstadter and Richard Kuhns, <i>Philosophies of Art and Beauty: Selected Readings in Aesthetics from Plato to Heidegger</i> (Chicago: University of Chicago Press, 1976). 171-202.</p> <p>**Robert Friedel. <i>A Culture of Improvement: Technology and the Western Millennium</i> (Cambridge; MIT Press, 2007). Chapters 2 & 3, “Plows and Horses” and “Power,” 13-48.</p>

2	30 Aug	<p>3. The Medieval Jobsite: Guilds, Master Builders, and Stereotomy</p> <ul style="list-style-type: none"> • Players: Patrons, Master Builders, and Labor • Organization: Guilds • Equipment and techniques • Stereotomy: Geometry and Materials <p>READINGS:</p> <p>**Robert Friedel, <i>A Culture of Improvement: Technology and the Western Millennium</i> (Cambridge; MIT Press, 2007). Chapter 4, “Buildings for God and Man,” 49-64.</p> <p>“Gervase of Canterbury: The New Architecture,” online at: http://www.learn.columbia.edu</p> <p>Lon R. Shelby, “Mediaeval Masons' Templates.” <i>Journal of the Society of Architectural Historians</i>, Vol. 30, No. 2 (May, 1971).140-154.</p>
	1 Sept	<p>4. Early Gothic: Durham to St. Denis</p> <ul style="list-style-type: none"> • <i>Durham Cathedral, 1115-1133</i> • <i>Canterbury Cathedral choir, 1175-1184</i> • <i>Abbey Church of St Denis choir and west front, 1135-1140 and 1140-1144)</i> • <i>Sens Cathedral, 1140-1200</i> • <i>Notre-Dame of Laon, 1160-1215</i> • <i>Notre Dame de Paris Phase I, 1123-1225</i> • <i>Wells Cathedral, 1190</i> • <i>Lincoln Cathedral, 1192-1235</i> <p>READINGS:</p> <p>Caroline Bruzelius, “The Construction of Notre-Dame in Paris.” <i>The Art Bulletin</i>, Vol. 69, No. 4 (Dec., 1987). 540-569.</p> <p>Sumner McK. Crosby, “Crypt and Choir Plans at Saint-Denis.” <i>Gesta</i>, Vol. 5 (Jan., 1966). 4-8</p> <p>** Abbot Suger of Saint-Denis, <i>On What Was Done In His Administration</i>. Online at: http://legacy.fordham.edu/halsall/source/sugar.html</p> <p>Clarence Ward, “The Pier in Gothic Architecture Especially in the Ile de France.” <i>Journal of the American Society of Architectural Historians</i>, Vol. 4, No. 3/4, Medieval Architecture (Jul. - Oct., 1944). 36-42</p>
3	6 Sept	TL on ARCH 403/603 Field Trip—No Class
	8 Sept	<p>5. “High” Gothic: Chartres, Amiens, and Reims</p> <ul style="list-style-type: none"> • <i>Chartres Cathedral, 1194-1250</i> • <i>Bourges Cathedral, 1195-1230</i> • <i>Reims Cathedral, 1211-1275</i> • <i>Salisbury Cathedral, 1220-1258</i> • <i>Amiens Cathedral, 1220-1270</i>

		<ul style="list-style-type: none"> • <i>Notre Dame de Paris Phase II, 1245-1345</i> <p>READINGS:</p> <p>Robert Branner, "Historical Aspects of the Reconstruction of Reims Cathedral, 1210-1241." <i>Speculum</i>, 36:1. Jan., 1961. 23-37.</p> <p>Jacques Heyman, "Beauvais Cathedral." <i>Transactions of the Newcomen Society</i>, Vol. 40, no. 1. 1967. 15-35.</p> <p>**Hans Jantzen, <i>High Gothic</i> (Princeton: Princeton University Press, 1984). Esp. Chapters 5 and 6, "Gothic Space and its Containment" and "On the Technique of the Cathedral," 70-97.</p> <p>Stephen Murray and James Addiss, "Plan and Space at Amiens Cathedral: With a New Plan Drawn by James Addiss." <i>Journal of the Society of Architectural Historians</i>, 49:1. Mar., 1990. 44-66.</p> <p>William Taylor and Robert Mark, "The Technology of Transition: Sexpartite to Quadripartite Vaulting in High Gothic Architecture." <i>The Art Bulletin</i>, 64:4. Dec., 1982. 579-587.</p> <p>Maury I. Wolfe and Robert Mark, "The Collapse of the Vaults of Beauvais Cathedral in 1284." <i>Speculum</i>, Vol. 51, No. 3. Jul., 1976). 462-476.</p>
4	13 Sept	DoA FIELD TRIP WEEK—No class
	15 Sept	
5	20 Sept	<p>6. Rayonnant, Flamboyant, and Perpendicular: Late Gothic</p> <ul style="list-style-type: none"> • Rayonnant: skeletal structure, glazed triforia, and bar and blind tracery <ul style="list-style-type: none"> ○ <i>St. Denis, nave, 1231-1250</i> ○ <i>Ste. Chapelle, 1238-1248</i> ○ <i>Beauvais Cathedral, especially choir, 1225-1232 and 1238-1272 (collapsed and rebuilt, 1284).</i> ○ <i>Cologne, 1248-1473</i> • Flamboyant: ogee arches, tracery as purely decorative <ul style="list-style-type: none"> ○ <i>Rouen Cathedral, north transept, 1370-</i> ○ <i>Nantes Cathedral, 1434-1520</i> ○ <i>Church of St Maclou, Rouen, 1500-14</i> ○ <i>St. Eustache, Paris, 1532-1633</i> ○ <i>Rouen, St-Ouen, 1469-1500</i> ○ <i>Hotel de Cluny, Paris, 1485-98</i> • Decorated: British variant on French developments, geometric and curvilinear phases <ul style="list-style-type: none"> ○ <i>St. Stephen's Chapel, Westminster Palace, 1292-1350</i> ○ <i>Wells Cathedral, east end, 1320-1340</i> ○ <i>Ely Cathedral crossing and east bays, 1322-1342</i> • Perpendicular: Definitive British development, extreme emphasis on verticality

		<ul style="list-style-type: none"> ○ Westminster Abbey, London, 1250-1272 ○ Gloucester Cathedral, south transept and choir, 1331-1336 ○ Nave, Canterbury Cathedral, 1378-1411 ○ Winchester Cathedral, 1399-1419 ○ King's College Chapel, Cambridge, 1446-1515 ○ St. George's Chapel, Windsor Castle, 1475-1511 ○ Lady Chapel, Westminster Abbey, 1503-1519 <p>READINGS:</p> <p>Robert Branner, "Paris and the Origins of Rayonnant Gothic Architecture down to 1240." <i>The Art Bulletin</i>, 44:1. Mar., 1962. 39-51.</p> <p>Linda Elaine Neagley, "The Flamboyant Architecture of St.-Maclou, Rouen, and the Development of a Style." <i>Journal of the Society of Architectural Historians</i>, 47:4. Dec., 1988. 374-396.</p> <p>Arthur Oswald, "Canterbury Cathedral: The Nave and Its Designer." <i>The Burlington Magazine for Connoisseurs</i>, 75:441. Dec., 1939. 221-223, 226-228</p>
	22 Sept	<p>7. Social, Cultural, and Economic Forces in the 14th-16th Century</p> <ul style="list-style-type: none"> • Impact of Crusades—increased trade and importation of ideas from east • Revival of antique scholarship, writing • Economic geography of Italy: power of Florence, rediscovery of Rome • Revitalized Papacy and power of patronage: Church, City, Family • Gutenberg's Printing Press and dissemination of knowledge <p>READINGS:</p> <p>Poggio Braciolini, "The Ruins of Rome" in James Bruce Ross, ed., <i>The Renaissance Reader</i> (New York: Penguin, 1953). 379-384.</p> <p>Robert Friedel, <i>A Culture of Improvement: Technology and the Western Millennium</i> (Cambridge; MIT Press, 2007). Chapters 6, "Light and Time," and 7, "Types of Change." 91-128.</p>
6	27 Sept	TL at conference—No class
	29 Sep	
7	4 Oct	<p>8. Brunelleschi, Alberti, and Faith in the Ancients</p> <ul style="list-style-type: none"> • Filippo Brunelleschi (1377-1446) <ul style="list-style-type: none"> ○ Dome of Florence Cathedral, 1418-1461 ○ Loggia of the Ospedale degli Innocenti, Florence, 1419-1445 ○ Basilica di San Lorenzo di Firenze, 1419-1480 ○ Sagrestia Vecchia, San Lorenzo di Firenze, 1421-1440 ○ Capella Pazzi, Santa Croce, Florence. 1429-1443 ○ Santa Maria degli Angeli, Florence [unfinished], 1434- ○ Santo Spirito di Firenze, 1441-1481 • Leon Battista Alberti (1404-1472)

		<ul style="list-style-type: none"> ○ <i>De Pictura</i>, 1435 ○ <i>Palazzo Rucellai</i>, Florence, 1446-1451 ○ <i>Tempio Malatestiano</i>, Rimini, 1446-1460 ○ <i>Façade of Santa Maria Novella</i>, Florence, 1448-1470 ○ <i>De re Aedificatoria</i>, 1452 ○ <i>San Sebastiano</i>, Mantua [unfinished], 1458- ○ <i>Piazza Pio II</i>, Pienza [?], 1459 ○ <i>Sant'Andrea</i>, Mantua, 1471 <p>READINGS:</p> <p>Rowland Mainstone, "Brunelleschi's Dome Revisited." <i>Construction History</i>, Vol. 24. 2009. 19-30.</p> <p>**Peter Murray, <i>The Architecture of the Italian Renaissance</i>. (London: Thames and Hudson, 1986). Chapters 2-3, 31-62.</p> <p>John Summerson, <i>The Classical Language of Architecture</i>. (London: BBC, 1963). Chapters 1 and 2, 6-19.</p> <p>Rudolf Wittkower, "Alberti's Approach to Antiquity in Architecture." <i>Journal of the Warburg and Courtauld Institutes</i>, 4:1/2. Oct., 1940 -Jan., 1941. 1-18.</p>
	6 Oct	Student Presentations I—Gothic
8	11 Oct	TL at NU lecture—No class
	13 Oct	<p>9. Renaissance Philosophy and Aesthetics—The Treatises</p> <ul style="list-style-type: none"> • Leon Battista Alberti, <i>De re aedificatoria</i> (1452) • Filarete, <i>Libro Architetonico</i>, (ca. 1464) • Francesco di Giorgio, <i>Trattato di architettura, ingegneria e arte militare</i>, (ca. 1482) • Sebastiano Serlio, <i>Architettura</i>, (1537-1575) • Andrea Palladio, <i>I Quattro Libri dell'Architettura</i>, (1570) • Vincenzo Scamozzi, <i>L'Idée dell'Architettura Universale</i>, (1615) <p>READINGS:</p> <p>**Leon Battista Alberti, Il Filarete, Sebastiano Serlio, and Palladio, excerpts from various treatises in Harry Mallgrave, ed., <i>Architectural Theory: Volume I, An Anthology from Vitruvius to 1870</i>. (Malden, MA.; Blackwell, 2006). 30-47.</p> <p>Edward R. de Zurko, "Alberti's Theory of Form and Function." <i>The Art Bulletin</i>, Vol. 39, No. 2. Jun., 1957. 142-145.</p> <p>Max Marmor, "Back To The Drawing Board: The Architectural Manual Of Sebastiano Serlio (1475-1554)." <i>The Yale University Library Gazette</i>, Vol. 70, No. ¾, April 1996. 115-125.</p> <p>Howard Saalman, "Early Renaissance Architectural Theory and Practice in Antonio Filarete's <i>Trattato diArchitettura</i>." <i>The Art Bulletin</i>, Vol. 41, No. 1. Mar., 1959). 89-107.</p> <p>Carroll William Westfall, "Society, Beauty, and the Humanist Architect in Alberti's <i>De Re Aedificatoria</i>." <i>Studies in the Renaissance</i>, Vol. 16. 1969. 61-79.</p>
9	18 Oct	10. "High" Renaissance: Raphael, Bramante, Da Sangallo

		<ul style="list-style-type: none"> • Bramante (1444-1514) <ul style="list-style-type: none"> ○ <i>Santa Maria presso San Satiro</i>, Milan, 1482–1486 ○ <i>Santa Maria delle Grazie</i> cloister and apse Milan, 1492–1498 ○ <i>Chiostro di Santa Maria della Pace</i>, Rome, 1500-1504 ○ <i>Tempietto di San Pietro in Montorio</i>, Rome, 1502 ○ <i>Projects for Basilica San Pietro</i> 1503-1514 ○ <i>Cortile del Belvedere</i>, Rome, 1506-1514. ○ <i>Palazzo Caprini</i>, Rome, 1510 • Raphael (1483-1520) <ul style="list-style-type: none"> ○ <i>Capella Chigi</i>, <i>Santa Maria del Popolo</i>, Rome, 1513-1656 ○ <i>Projects for Basilica San Pietro</i>, 1514-1520 ○ <i>Church of Sant'Eligio degli Orefici</i>, Rome, c. 1516 ○ <i>Palazzo Branconio dell'Aquila</i>, Rome, 1520 ○ <i>Villa Madama</i>, Rome, 1518-1525 • Antonio da Sangallo the Younger <p>READINGS:</p> <p>**Peter Murray, <i>The Architecture of the Italian Renaissance</i>. (London: Thames and Hudson, 1986). Chapters 5-6, pp. 105-160.</p> <p>Earl Rosenthal, "The Antecedents of Bramante's Tempietto." <i>Journal of the Society of Architectural Historians</i>, Vol. 23, No. 2. May, 1964. 55-74.</p> <p>John Shearman, "Raphael As Architect." <i>Journal Of The Royal Society Of Arts</i>, Vol. 116, No. 5141. April 1968). 388-409.</p> <p>John Summerson, <i>The Classical Language of Architecture</i>. (London: BBC, 1963). Chapter 3, pp. 20-26.</p> <p>Timothy Verdon, "Bramante And Early Christian Spatial Articulation." <i>Arte Lombarda, nuova serie</i>, No. 86/87 (3-4), "Bramante a Milano." 1988. 180-186.</p>
20 Oct		<p>11. Michelangelo and Palladio</p> <ul style="list-style-type: none"> • Michelangelo Buonarroti (1475-1564) <ul style="list-style-type: none"> ○ <i>Façade, San Lorenzo, Florence [unbuilt]</i>, 1516-1520 ○ <i>Sagrestia Nuova, San Lorenzo, Florence</i>, 1520-1534 ○ <i>Library of San Lorenzo, Florence</i>, 1523-1571 ○ <i>Campidoglio, Rome</i>, 1536-1546 ○ <i>Façade, Palazzo Farnese, Rome</i>, 1546 ○ <i>Basilica San Pietro, Rome</i>, 1546-1564 • Andrea Palladio (1508-1580) <ul style="list-style-type: none"> ○ <i>Palazzo Thiene, Vicenza</i>, 1542-1558 ○ <i>Basilica Palladiana, Vicenza</i>, 1549-1614 ○ <i>Palazzo Chiericati, Vicenza</i>, 1551-1557

		<ul style="list-style-type: none"> ○ <i>Villa Barbaro, Treviso, 1554-1558</i> ○ <i>Villa Foscari ('Malcontenta'), Venezia, 1560-1565</i> ○ <i>San Giorgio Maggiore, Venice, 1565-1576</i> ○ <i>Villa Rotonda, Vicenza, 1566-1585</i> ○ <i>Il Redentore, Venice, 1577-1586</i> <p>READINGS:</p> <p>James Ackerman, <i>The Architecture of Michelangelo</i> (Baltimore: Penguin Books, 1971). Introduction, Chapters 1 and 3, "Michelangelo's 'Theory' of Architecture" and "The Medici Chapel." 25-52, 71-96.</p> <p>**Peter Murray, <i>The Architecture of the Italian Renaissance</i>. (London: Thames and Hudson, 1986). Chapters 9, 12-13. pp. 171-182, 207-223.</p> <p>David Summers, "Michelangelo on Architecture." <i>The Art Bulletin</i>, Vol. 54, No. 2. Jun., 1972. 146-157.</p> <p>John Summerson, <i>The Classical Language of Architecture</i>. (London: BBC, 1963). Chapter 4, 27-33.</p> <p>**Rudolf Wittkower, "Principles of Palladio's Architecture." <i>Journal of the Warburg and Courtauld Institutes</i>, Vol. 7. 1944. 102-122.</p>
10	25 Oct	Student Presentations II
	27 Oct	
11	1 Nov	<p>12. St. Peter's</p> <ul style="list-style-type: none"> • Bramante and da Sangallo's plans, 1506-1513 • Michelangelo, 1547-1564 • Giacomo della Porta and Domenico Fontana, 1585-1590 • Carlo Maderno, 1602-1615 <p>READINGS:</p> <p>James Ackerman, <i>The Architecture of Michelangelo</i> (Baltimore: Penguin Books, 1971). Chapter 8, "The Basilica of St. Peter," 199-226.</p> <p>Ian Campbell, "The New St Peter's: Basilica or Temple?" <i>Oxford Art Journal</i>, 4:1, 'Tradition', (Jul., 1981. 3-8.</p> <p>Meg Licht, "'I Ragionamenti'-Visualizing St. Peter's." <i>Journal of the Society of Architectural Historians</i>, 44:2, May, 1985. 111-128.</p>
	3 Nov	<p>13. The Architecture of the Counter-Reformation: Vignola, Maderno, and the Baroque</p> <ul style="list-style-type: none"> • Giacomo Barozzi da Vignola (1507-1573) and Giacomo della Porta (c. 1533 – 1602) <ul style="list-style-type: none"> ○ <i>Villa Giulia, Rome, 1550-1553</i> ○ <i>Sant'Andrea in Via Flaminia, 1550-1554</i> ○ <i>Villa Farnese, Caprarola, 1559-1573</i> ○ <i>Il Gesu, Rome, 1568-1580</i> • Carlo Maderno

		<ul style="list-style-type: none"> ○ <i>Santa Susanna, Rome, 1603</i> ○ <i>Sant'Andrea della Valle, 1590-1650 (façade by Carlo Rainaldi, 1655-1663).</i> • Francesco Borromini (1599-1667) <ul style="list-style-type: none"> ○ <i>San Carlo alle Quattro Fontane, Rome, 1634-1646</i> ○ <i>Sant' Ivo alla Sapienza, Rome, 1640-1650</i> ○ <i>Sant'Agnese in Agone, Rome, 1652-</i> • Gian Lorenzo Bernini (1598-1680) <ul style="list-style-type: none"> ○ <i>Baldacchino di San Pietro, Rome, 1623-1634</i> ○ <i>Piazza San Pietro, Rome, 1656-1667</i> ○ <i>Sant'Andrea al Quirinale, Rome, 1658-1670</i> • Guarino Guarini (1624-1683) <ul style="list-style-type: none"> ○ <i>Cappella della Sacra Sindone, Turin, 1668-1694</i> ○ <i>Façade of the Palazzo Carignano, Turin, 1679</i> ○ <i>Real Chiesa di San Lorenzo, Turin, 1668-1687</i> <p>READINGS:</p> <p>Germain Bazin, <i>Baroque and Rococo</i>. (London: Thames and Hudson, 1964). Part I, Chapter 1, "Seventeenth-Century Italy," 11-48.</p> <p>Anthony Blunt, <i>Borromini</i>. (Cambridge, MA.; Belknap Press, 1979).</p> <p>Wolfgang Lotz, "Architecture in the Later 16th Century." <i>College Art Journal</i>, Vol. 17, No. 2. Winter, 1958. 129-139.</p> <p>Nathan T. Whitman, "Roman Tradition and the Aedicular Façade." <i>Journal of the Society of Architectural Historians</i>, Vol. 29, No. 2. May, 1970. 108-123.</p> <p>**Heinrich Wofflin, <i>Renaissance and Baroque</i> (Ithaca; Cornell University Pres, 1967). Introduction [Peter Murray], Introduction, and Chapter 1, "The Painterly Style. Pp. 1-37.</p>
12	8 Nov	<p>14. Enlightenment Philosophy and Aesthetics.</p> <ul style="list-style-type: none"> • Continental Philosophy: Kant, Descartes, Leibniz. "Have courage to use your own reason." • British Empiricism: Locke, Hume, Newton. "All reasoning is there reduced to experience; and the belief, which attends experience, is explained to be nothing but a peculiar sentiment." • Scientific Method: Bacon, Newton and the power of experiment • Aesthetics—the Beautiful and the Sublime. Appeals to emotion and reason that both reject sentimentality. <p>READINGS:</p> <p>Francis Bacon, excerpts from "Novum Organum" Book I, 1620. Online at: https://en.wikisource.org/wiki/Novum_Organum/Book_I_(Spedding)</p> <p>Edmund Burke, "A Philosophical Enquiry into the Origin Of Our Ideas of the Sublime and Beautiful." 1759. Online at: http://www.english.upenn.edu/~mgamer/Etexts/burkesublime.html</p>

		<p>Robert Friedel, <i>A Culture of Improvement: Technology and the Western Millennium</i> (Cambridge; MIT Press, 2007). Chapter 9, “Improving Knowledge.” 149-170.</p> <p>Isaac Kramnick, ed., “Introduction.” <i>The Portable Enlightenment Reader</i>. (New York: Penguin, 1995). ix-xxiv.</p> <p>Isaac Newton, “Rules for Reasoning in Natural Philosophy.” Excerpt from “Principia,” 1687. Online at: http://strangebeautiful.com/other-texts/newton-principia-rules-reasoning.pdf-principia-rules-reasoning.pdf</p>
	10 Nov	TL at conference—No Class
13	15 Nov	<p>15. Jones, Wren and Hooke</p> <ul style="list-style-type: none"> • The “English Renaissance:” Inigo Jones (1573-1652) • Christopher Wren (1632-1723) and Robert Hooke (1635-1703) <ul style="list-style-type: none"> ○ <i>Sheldonian Theatre, Oxford, 1664-1669</i> ○ <i>The Plan for London and the City Churches, 1670-1690</i> ○ <i>St. Paul’s Cathedral, London, 1675-1710</i> ○ <i>Royal Observatory, London, 1675-1676</i> ○ <i>Library, Trinity College, Cambridge, 1676-1684</i> • The Royal Society, 1681-, and the case for a Scientific Architecture. <p>READINGS:</p> <p>J. A. Bennett, “Christopher Wren: The Natural Causes of Beauty.” <i>Architectural History</i>, Vol. 15. 1972. 5-22.</p> <p>James Campbell, <i>Building St. Paul’s</i> (London; Thames and Hudson, 2008).</p> <p>Gordon Higgott, ‘Varying with Reason’: Inigo Jones’s Theory of Design.” <i>Architectural History</i>, Vol. 35, 1992). 51-77.</p> <p>Margaret Whitney, <i>Wren</i>. (London; Thames and Hudson, 1971). esp. Chapters III-V, “The City Churches,” “The Planning of St. Paul’s,” and “The Building of St. Paul’s.” 45-132.</p> <p>**Christopher Wren, excerpts from Tracts I, II, and IV of “On Architecture,” in Harry Mallgrave, ed., <i>Architectural Theory: Volume I, An Anthology from Vitruvius to 1870</i>. (Malden, MA.; Blackwell, 2006). 39-41.</p>
	17 Nov	<p>16. Architecture of Empiricism: The English Picturesque and Palladianism</p> <ul style="list-style-type: none"> ○ <i>Chiswick House, London. Lord Burlington, 1725</i> ○ <i>Queen Square, Circus, and Royal Crescent, Bath. John Wood, 1729-1775.</i> ○ Robert Adam <ul style="list-style-type: none"> ▪ <i>Osterley Park (1763-1780)</i> ▪ <i>Syon House (1762-1769)</i> ○ Sir John Soane <ul style="list-style-type: none"> ▪ <i>Bank of England (1788-1823)</i> ▪ <i>No. 13, Lincoln’s Inn Fields (1812-1813)</i> <p>READINGS:</p>

		<p>Harold Francis Pfister, "Burlingtonian Architectural Theory in England and America." <i>Winterthur Portfolio</i>, Vol. 11. 1976. 123-151.</p> <p>Kenneth Hafertepe, "An Inquiry into Thomas Jefferson's Ideas of Beauty." <i>Journal of the Society of Architectural Historians</i>, Vol. 59, No. 2. Jun., 2000). 216-231.</p> <p>Robert Morris, excerpts from "An Essay in Defence of Ancient Architecture" and "An Essay upon Harmony" in Harry Mallgrave, ed., <i>Architectural Theory: Volume I, An Anthology from Vitruvius to 1870</i>. (Malden, MA.; Blackwell, 2006). 109-112, 115-117.</p> <p>Stephanie Ross, "The Picturesque: An Eighteenth-Century Debate." <i>The Journal of Aesthetics and Art Criticism</i>, Vol. 46, No. 2. Winter, 1987). 271-279.</p>
14	22 Nov	THANKSGIVING WEEK—No class
	24 Nov	
15	29 Nov	<p>17. The French Enlightenment</p> <ul style="list-style-type: none"> • Churches and Palaces of the 17th Century <ul style="list-style-type: none"> ○ <i>Palais du Luxembourg, Paris. Salomon de Brosse, 1615-1624</i> ○ <i>Church of the Sorbonne, Paris. Jacques Lemercier, 1635-1642</i> ○ <i>Church of the Val-de-Grâce, Paris. François Mansart, 1645-1667</i> ○ <i>Palace of Versailles, Mansart and Louis Le Vau, 1678-1688</i> ○ <i>Les Invalides, Paris. J. H. Mansart, 1670-1708.</i> ○ <i>S. Sulpice, Paris. Jean Nicolas Servandoni, 1736.</i> • Roots of the "Graeco-Gothic" synthesis <ul style="list-style-type: none"> ○ <i>Sainte-Genevieve, Paris. Jacques-Germain Soufflot, 1757-1790</i> • Revolutionary Architecture in France <ul style="list-style-type: none"> ○ Claude-Nicholas Ledoux <ul style="list-style-type: none"> ▪ <i>Saltworks, Arc-et-Senans, 1773-1779</i> ▪ <i>Theatre of Besançon, 1775</i> ▪ <i>Barrières du Paris, 1784-1787</i> ▪ <i>Chaux, 1799-1804</i> ○ Etienne-Louis Boullée (1728-1799) <ul style="list-style-type: none"> ▪ <i>Tomb of Newton, 1784</i> ○ The Legacy of Neo-Classicism in France: Durand and the Beaux-Arts <p>READINGS:</p> <p>Allan Braham, <i>The Architecture of the French Enlightenment</i>. (Berkeley, University of California Press, 1980).</p> <p>Emil Kaufmann, "Three Revolutionary Architects, Boullée, Ledoux, and Lequeu." <i>Transactions of the American Philosophical Society</i>, Vol. 42, No. 3. 1952). 431-564. (especially "Introduction").</p> <p>R. D. Middleton, "The Abbé de Cordemoy and the Graeco-Gothic Ideal: A Prelude to Romantic Classicism." <i>Journal of the Warburg and Courtauld Institutes</i>, Vol. 25, No. 3/4. Jul. - Dec., 1962. 278-320; and Vol. 26, No. 1/2. 1963.. 90-123</p>

		<p>**Claude Perrault, excerpt from annotations to <i>The Ten Books of Architecture of Vitruvius</i> in Harry Mallgrave, ed., <i>Architectural Theory: Volume I, An Anthology from Vitruvius to 1870</i>. (Malden, MA.; Blackwell, 2006). 74-75.</p> <p>Jacques Gabriel Soufflot, excerpt from “Memoir on Gothic Architecture,” in Harry Mallgrave, ed., <i>Architectural Theory: Volume I, An Anthology from Vitruvius to 1870</i>. (Malden, MA.; Blackwell, 2006). 126-127.</p>
	1 Dec	18. Conclusions—the “Culture of Improvement,” Science, Philosophy, and Aesthetics, 1100-1800.
16	6 Dec	JURY WEEK—No class. TL available by appointment to discuss final presentations
	8 Dec	
17	13 Dec	FINALS WEEK—Final Presentations during scheduled Final Exam period
	15 Dec	