NJIT FALL 2024
INSTRUCTOR: DR. ERSIN ALTIN

AD 261: HISTORY OF ARCHITECTURE

T: 11:30 - 12:50 KUPF 211
W: 11:30 - 12:50 KUPF 118
Professor Ersin Altin
Email: ersin.altin@njit.edu
Office Hours: By appointment (in-person or through Zoom)

OURSE OVERVIEW:

Prerequisite: AD 161 and AD 162. Required lecture course (3 credits) meets twice weekly (3 contact hours). AD 261 is a history of architecture course designed specifically for art and design students. The course aims to analyze and understand dynamics of architecture as a practice of space production/shaping, the utilization and evolution process of this practice in time and its relationship with other fields such as art, design, and engineering. Although the emphasis will be on modern architecture, urbanism and the built environment from roughly the nineteenth century to today, the course aims to develop a more holistic and a global approach tying modern practices to older and *other* architectural traditions. This helps us to (re)define modern architecture and to underscore and challenge its Western-centric history (that is tied to the Industrial Revolution and its legacy) by diversifying sources and by developing a global perspective.

This course will provide an overview of significant economic, cultural, political, social, stylistic, and technological shifts that have contributed to the development of architecture both as a historical and contemporary practice. It takes a critical approach to the history of architecture through an exploration of the power dynamics, interests, and other factors that define the field.

Lectures revolve around the problems and/or themes which scrutinize the role and identity of the architect/designer; processes of spatial production; debates about the machine; the relationship of architecture to markets and economies; labor and the human connection. We will tackle issues of race, class, gender, sexuality; accessibility; social, economic and environmental sustainability in relation with architecture and built environment.

LEARNING OBJECTIVES:

The objectives of this class are multifold:

- **Recognize** how architecture reflects the cultural developments of the period,
- **Discuss** the relationship between architectural & urban forms and social & political systems as well as the relationship between design & cultural theory and design & cultural practice,
- **Analyze** programmatic and formal precedents and conceptual design solutions to assist in the development of studio projects,
- **Use** formal and technical vocabulary of architecture and planning to describe the defining characteristics of a building or other large-scale design,
- **Develop** critical thinking and analytical skills to apply to architectural forms and ideas, and
- **Construct** a vocabulary for discussing an architectural work's medium.

COURSE REQUIREMENTS:

Note that the overall grade shown on Canvas might not be accurate until all grades are posted. Refer to the following breakdown when calculating your overall grade:

- Alert attendance at weekly meetings (grade lowered for poor attendance, see Attendance)
- Class participation, 10% of final grade
- Note-taking Assignment, 10% of final grade
- Quizzes, 15% of final grade
- Site Visit, 10% of final grade
- Midterm Exam, 15% of final grade
- Final Exam, 20% of final grade
- Design Project, 20% of final grade

    Subject to change during the semester

Attendance: Attendance is mandatory and will be checked. After three unexcused absences students may be docked one-half grade for each subsequent unexcused absence. In other words, if the final grade would have been an "A", it results in a "B+". Similarly, a "B+" is reduced to a "B", and so on. There is a one-half grade penalty for each absence after the third. (https://www.njit.edu /registrar/policies/ attendancepolicy.php)

Participation: All students are expected to read the texts (see class schedule) before each class and participate in class discussions. Participating in class is less about providing a correct answer to a question and more about being inquisitive and engaged with the material and cultivating an intellectually stimulating discussion with your classmates.

Site Visit: Students will a building, site or a museum or gallery of their selection and submit a visual + written report that documents and evaluates their visit.

Exam(s): Open book exam will be held online. Students will be asked to answer a number of questions on readings and on class discussions and to write essay on a particular topic. Exam or exams require the utilization of *Repondus LockDown Browser*.

Design Project: Students are expected to work on a design project on a topic of their selection. This project can be done individually or as a group. An assignment description will be provided.

Extra Credit Opportunities: Extra credit is given only to students who have taken all exams and attended class consistently. You will have the opportunity to obtain extra credit by visiting selected museums and/or writing short reports about an assigned building/city/time period and/or answering additional questions during exams. Consult with me if you wish to do this.

Grading: The grading matrix for each assignment is provided in the detailed requirements posted on Canvas. You will receive numerical grades for each individual assignment and these, with weighted percentages, determine your final letter grade, as set by NJIT policy. A =90-100, B+=85-89, B=80-84, C+=75-79, C=70-74, D=60-69, F= 59 or below. To pass this class, you must complete EVERY assignment, but completion of an assignment does not guarantee a

passing grade. You can track your grade on Canvas but note that the overall grade that is shown on Canvas is not accurate. Refer to the percentages above when calculating your overall grade.

COURSE MATERIALS:

Recommended books (on reserve at the Littman Library, Weston Hall)

- Curtis, William J. Modern Architecture since 1900. Third Edition, Upper Saddle River: Prentice Hall, 1996.
- Ching, Frances, Mark Jarzombek, and Vikramaditya Prakash. *A Global History of Architecture*. 3rd Edition. New York: Wiley, 2017.
- Frampton, Kenneth, *Modern Architecture: A Critical History.* 5th Edition, London: Thames & Hudson, 2020.
- Colquhoun, Alan, *Modern Architecture.* Oxford University Press, 2002.

Primary Readings: Students are responsible for a series of short, primary readings by significant architects and theorists from the late 19th, 20th and 21st centuries. These include texts by many of the designers whose work is discussed in lectures and textbooks. Careful reading of these essays, short treatise, and excerpts from longer works reveals the link between theory and practice and between cultural developments and architectural developments.

ACADEMIC INTEGRITY POLICY & CONDUCT IN CLASS:

Grading: The grading matrix for each assignment is provided in the detailed requirements posted on Canvas. You will receive numerical grades for each individual assignment and these, with weighted percentages, determine your final letter grade, as set by NJIT policy. A =90-100, B+=86-89, B=80-85, C+=76-79, C=70-75, D=60-69, F= 59 or below. To pass this class, you must complete EVERY assignment, but completion of an assignment does not guarantee a passing grade.

Policy for Late Work: You must notify me in advance, if you plan to be late with assignments, and I will determine if this tardiness will be excused. If you submit your work without any notification, for the first 24 hours after the deadline, a 10% penalty will be applied. The penalty will be 25% after 48 hours. Any work 5 days (120 hours) after a deadline will not be accepted. Special circumstances should be discussed with me.

Academic Integrity: Academic Integrity is the cornerstone of higher education and is central to the ideals of this course and the university. Cheating is strictly prohibited and devalues the degree that you are working on. As a member of the NJIT community, it is your responsibility to protect your educational investment by knowing and following the academic code of integrity policy that is found at: NJIT Academic Integrity Code.

Please note that it is my professional obligation and responsibility to report any academic misconduct to the Dean of Students Office. Any student found in violation of the code by cheating, plagiarizing or using any online software inappropriately will result in disciplinary action. This may include a failing grade of F, and/or suspension or dismissal from the university. If you have any questions about the code of Academic Integrity, please contact the Dean of Students Office at dos@njit.edu"

Generative AI: Student use of artificial intelligence (AI) is permitted in this course for certain assignments and activities. It is not permitted to be used in the following assignments, as doing so would undermine student learning and achievement of course learning outcomes: X, Y, Z. Additionally, if and when students use AI in this course, the AI must be cited as is shown within the NJIT Library AI citation page for AI. If you have any questions or concerns about AI technology use in this class, please reach out to your instructor prior to submitting any assignments.

Netiquette & etiquette: Throughout this course, students are expected to be courteous of classmates by being a polite, active participant. Students should respond to discussion forum assignments in a timely manner, so classmates have adequate time to respond to your post. Respect opinions, even those that differ from your own and avoid using profanity or offensive language.

COMMUNICATION:

Dr. Ersin Altin
Email: ersin.altin@njit.edu

Students' emails will be responded within 24 hours. Students can also meet me individually through Google Meet, please email me to set an appointment.

RESOURCES FOR NJIT STUDENTS:

Technology Support: IST Service Desk

The IST Service Desk is the central hub for computing information and first point of contact for getting help and reporting issues related to computing technology at NJIT. Students can put in a ticket with the service desk: https://servicedesk.njit.edu/CherwellPortal/IST or call (973) 596-2900 Monday - Friday from 8:00am - 9:00pm.

Academic Advising Success Center

"...assist in the advisement of students who are undecided in their major, transitioning into another major at NJIT, and those students who need additional support to graduate successfully and in a timely manner."

Click here to access NJIT's Academic Advising Success Center.

Academic Support and Student Affairs

"From questions about becoming a student at NJIT - to student engagement - to searching for information on career development, the Division of Academic Support and Student Affairs Staff is here to help."

Click here to access Academic Support and Student Affairs.

Tutoring Centers

Click here to access NJIT's Learning Center website for tutoring centers, or jump to:

- Math Learning Center
- Chemistry Learning Center
- The Writing Center
- CS Tutoring (ACM)
- Physics Learning Center

Bookstore

"Show your New Jersey Institute of Technology pride all year long with our authentic assortment of New Jersey Institute of Technology collegiate apparel...Plus, our selection of textbooks, computers, and supplies will ensure every New Jersey Institute of Technology student is prepared for success."

Click here to visit the NJIT Bookstore online.

Center for Counseling and Psychological Services

"The NJIT Center for Counseling and Psychological Services (C-CAPS) is committed to assisting students in the achievement of their academic goals as well as benefiting from their personal experience on campus. College life can be personally challenging and stressful at times. We believe that the educational process is an important component of the development of the individual as a whole person. Our goal is to optimize the college experience and improve the quality of the lives of our students by promoting their mental health and facilitating students' personal, academic and professional growth."

Disability Support Services

"The Disability Support Services office works in partnership with administrators, faculty and staff to provide reasonable accommodations and support services for students with disabilities that have provided our office with documentation to receive services."

The Learning Center

"Our mission is to assist students both in the classroom and beyond by providing tutorial services, academic coaching, academic and personal enrichment workshops and staff and peer support so students can meet the demands of their coursework and are prepared for life after graduation."

Click here to access The Learning Center online.

Canvas Help Page

Click here to access the tutorials for students.

Robert W. Van Houten Library

"The Van Houten Library offers electronic and print resources essential to the mission of New Jersey's science and technology university, including a core collection of academic books, databases, and journals, as well as research and consultation services."

Student Financial Aid Services

"Student Financial Aid Services (SFAS) at NJIT is committed to providing you with every opportunity to obtain funding to support your undergraduate educational costs at NJIT."

SCHEDULE:

Week	Date	Lecture Topics, Reading Assignments

1   9/3-4

Introduction to course
Ancient Precedents
Key concepts, course material & requirements
Goals and objectives

2   9/10-11

Industrial Age: Re-coding Architecture for the New World
Avant-garde: Against Academy / Arts & Crafts
- Primary Reading # 1: William Morris, "The Lesser Arts" (1877)
- Read pages 637; 657-659; 669-673; 675-676; 678-679 from *A Global History of Architecture [CJP]*

3   9/17-18

Building the Modern City: Tall Buildings
Urban Concentration/Suburban Ideal | Frank Lloyd Wright & Domesticity
- Primary Reading # 2: Louis Sullivan, "The Tall Office Building Artistically Considered" (1896)
- Primary Reading # 3: Frank Lloyd Wright, "The Art and Craft of the Machine" (1901)
- Read pages 684-685; 691-695; 697-699 from *A Global History of Architecture [CJP]*

    QUIZ 1 (on Reading 1, 2, 3)

4   9/24-25

Art Nouveau & Vienna Secession
Industrialization as Idea: Futurism
- Primary Reading # 4: Adolf Loos, "Ornament and Crime" (1908)
- Primary Reading # 5: Antonio Sant'Elia/Filippo Tommaso Marinetti, "Futurist Architecture" (1914)
- Read pages 687-688; 695-696; 703 from *A Global History of Architecture [CJP]*

| 5 | 10/1-2 | **Post-WWI- Expressionism & Constructivism** |
| | | **New Sight & New Space: Cubism & De Stijl** |

- Primary Reading # 6: Theo van Doesburg, "Towards a Plastic Architecture" (1924)
- Read pages 705-709; 715; 717-719; 727; 742 from *A Global History of Architecture [CJP]*

QUIZ 2 (on Readings 4, 5, 6)

| 6 | 10/8-9 | **Bauhaus** |
| | | **Modernist Architecture: Mies van der Rohe** |

- Primary Reading # 7: Walter Gropius, "Programme of the Staatliches Bauhaus in Weimar" (1919)
- Primary Reading #8: Henry-Russell Hitchcock & Philip Johnson, "The International Style: Architecture since 1922" (1932)
- Read pages 716; 720-721; 726-727; 730-731; 735-736 from *A Global History of Architecture [CJP]*

| 7 | 10/15-16 | **Exam (online with *Respondus Lockdown Browser*)** |

| 8 | 10/22-23 | **Modernist Architecture: Le Corbusier** |
| | | **Scaffolding the Sky, Overspreading the Land: U.S. between the Wars** |

- Primary Reading # 9: Le Corbusier/Pierre Jeanneret, "Five Points Towards a New Architecture" (1926)
- Read pages 702; 722-724; 733-734; 738; 764 from *A Global History of Architecture [CJP]*

QUIZ 3 (on Readings 7, 8, 9)

| 9 | 10/29-30 | **Architecture & Political Ideology:** |
| | | **Fascist Italy, Nazi Germany Socialist Russia & New Deal America** |

- Primary Reading #10 Giuseppe Terragni et al, "Il Gruppo 7" (1927)
- Read pages 747-748 from *A Global History of Architecture [CJP]*

DESIGN PROJECT CHECK-IN

| 10 | 11/5-6 | **World War II & its Aftermath** |

- Primary Reading # 11: Kenzo Tange, "A Plan for Tokyo 1960" (1961)
- Primary Reading # 12: Hassan Fathy, "Architecture for the Poor" (1969)
- Read pages 725-727;749-765; 769-771 from *A Global History of Architecture* [CJP]

QUIZ 4 (on Readings 10, 11, 12)

| 11 | 11/12-13 | **Postmodern Architecture** |

- Primary Reading # 13: Venturi and Scott Brown, "On Ducks and Decoration" (1968)
- Read pages 780-786 from *A Global History of Architecture* [CJP]

SITE VISIT ASSIGNMENT DUE

| 12 | 11/19-20 | **Postmodernism & beyond** |
| | | **Deconstructivism** |

- Primary Reading # 14: Mark Wigley, "Deconstructivist Architecture" (1988)
- Read pages 782-783; 787-793 from *A Global History of Architecture* [CJP]

| 13 | 11/26 | **No class.** Thursday classes meet. |

	11/27	**No class.** Friday classes meet
		Happy Thanksgiving!
14	12/3-4	**Architecture Today**
		• Primary Reading # 15: Rem Koolhaas, "Bigness or the Problem of Large" (1994)
		• Read pages 787-799 from *A Global History of Architecture* [CJP]
		QUIZ 5 (on Readings 13, 14, 15)
15	12/10	**DESIGN PROJECT due**
16		**FINAL EXAM**
		Exam Week: December 15-21
		Requires *Respondus LockDown Browser*

ADDITIONAL INFORMATION AND RESOURCES:

Canvas Accessibility Statement

Requesting Accommodations: If you need accommodations due to a disability please contact Scott Janz, Associate Director of the Office of Accessibility Resources and Services, Kupfrian Hall 201 to discuss your specific needs. A Letter of Accommodation Eligibility from the office authorizing student accommodations is required.

General Resources for NJIT Students (including technical support)