IE MODULE: ETHICS

IE University
Professor: **ALEJANDRO VALDIVIESO ROYO**
E-mail:alejandrov@faculty.ie.edu

Academic year: 23-24
Degree course: FOURTH
Semester: 1º
Category: COMPULSORY
Number of credits: 3.0
Language: English

PREREQUISITES

SUBJECT DESCRIPTION

Professional Ethics is the discipline that studies the principles, rules and dynamics that regulate a professional activity. This compound is called Professional Deontology. This course studies the deontology of Architecture from a global and contemporary perspective, as well as from the local perspective, its particularities and implications.

The academic content is divided in TWO COMPLEMENTARY COURSES: Ethics and Professional Practice. This course corresponds to ETHICS. Both conform a linear academic curriculum that is structured in four parts. The first part is an introduction of the status-quo in architectural practice nowadays. The second part studies the deontology of architecture in Spain, from the organization of the construction industry to the legal frameworks that rule architects' work, and the personal attributions and responsibilities of the practicing architect. The third part expands the vision of architectural deontology through a comparative analysis of the Spanish professional organization, and the European one with other global approaches, focusing on the key similarities and differences. The fourth part is focused on better understanding, questioning, and redefining the role of architects in society and their capacity to deliver value by using their unique set of skills and an entrepreneurial mindset. An important component of this fourth part is dedicated to understanding the entrepreneurial process and the most essential economic principles and factors that affect architectural practice, as a basis to suggest and build new professional models.

OBJECTIVES AND SKILLS

2.1 COMPETENCIES

2.1.1. BASIC COMPETENCIES

- CB1: Students have demonstrated knowledge and an understanding of a given area of study, building upon the foundation of secondary education, supported by advanced texts, and including aspects that engage the latest advances in their area of study.
- CB2: Students know how to apply their knowledge professionally to their work or vocation and possess the competencies that are often demonstrated through elaboration and defense of arguments and the resolution of problems within their area of study.
- CB3: Students can gather and interpret relevant facts (usually within their area of study) in

order to make judgments that include reflection on relevant social, scientific, and ethical topics.

- CB4: Students can transmit information, ideas, problems, and solutions to both specialized and non-specialized audiences.
- CB5: Students have developed the necessary learning skills to continue their studies with a high degree of autonomy.

2.1.2. GENERAL COMPETENCIES

- CG6: Knowledge of the industries, organizations, regulations, and procedures needed in order to transform projects into buildings, and to integrate drawings into the planning process.
- CG8: Knowledge of the role of entrepreneurship and management in the execution of projects in architecture and design.
- CG9: An understanding of the various employment possibilities available to the architect, and the application of the disciplinary tools of architecture to various related disciplines.

2.1. 2. SPECIFIC COMPETENCIES

- Module: Technical
- Subject: Professional Practice
- CE28: Knowledge of professional ethics, professional organizations, professional structures and civil liability.
- CE29: Knowledge of administrative and management procedures and professional processes.
- CE30: Knowledge of general office organization.
- CE33: Knowledge of real estate management.

2.1.3. TRANSVERSAL COMPETENCIES OF THE UNIVERSITY

- CT1: Ability to identify the main characteristics of cultural identities that characterize the contemporary world through the knowledge of central ideological currents.
- CT2: Ability to exercise professional behavior in accordance with constitutional principles and ethical values of the respective profession.
- CT4: Use disciplinary knowledge to analyze and evaluate current situations.
- CT5: Integrate oneself into interdisciplinary and multicultural teams to achieve common goals in a context of diversity.
- CT6: Work actively at in an international context.

2.1.4. SPECIFIC OBJECTIVES AND SKILLS

- Understanding the position that architecture plays as a profession into the creation of the city, and within the construction industry.
- Developing critical thinking regarding moral and professional issues.
- Developing critical thinking towards the contemporary practice of architecture.
- Understanding the essentials of what value means to society and how the professional practice of architecture creates value.
- Understanding basic unit economics and management principles in architectural practice.
- We will therefore place special emphasis on competencies CE28, CE 29 and CE30, as described above.

2.2. LEARNING OUTCOMES:

From studying the two courses, Ethics and Professional Practice, students demonstrate:

1. Knowledge of professional ethics, professional organizations, and civil liability.
2. Knowledge of administrative and management procedures and professional processes.

3. Knowledge of general office organization.
4. Knowledge of real estate management.
5. Knowledge of the industries, organizations, regulations, and procedures needed in order to transform projects into buildings, and to integrate drawings into the planning process.
6. Knowledge of the role of entrepreneurship and management in the execution of projects in architecture and design.
7. An understanding of the various employment possibilities available to the architect, and the application of the disciplinary tools of architecture to various related disciplines.

METHODOLOGY

Fifteen (15) sessions course structured in seven double sessions and one individual closing session.

Every double session will combine some lecture time in which the contents of the course will be introduced, with time for in-class groupwork* or discussions related to the topics introduced and the additional readings or content required for each session (if applicable). The groupwork time might be followed by a discussion and presentation of the work done in the class.

At the end of every double session, the content of the next class will be briefly introduced and there will be time for assignment clarifications, if applicable, and general Q&A.

Participation throughout all the sessions and in all formats of the class is expected, encouraged and highly valued, representing a significant part of the final grades.

***Using a name tag in your desk is VERY IMPORTANT to make the course as participatory as possible. It helps faculty members and fellow students learn your names and dynamiz conversations in a smooth manner.**

Teaching methodology	Weighting	Estimated time a student should dedicate to prepare for and participate in
Lectures	18.67 %	14 hours
Discussions	6.67 %	5 hours
Exercises	21.33 %	16 hours
Group work	20.0 %	15 hours
Other individual studying	33.33 %	25 hours
TOTAL	100.0 %	75 hours

PROGRAM

SESSIONS 1 - 2 (LIVE IN-PERSON) – Friday, September 1, 2023 (15-17:50)

INTRODUCTION

Session 1. Introduction and Terms and Structure of the Course.

- Terms and structure of the course.
- In-class dynamics explanation. Groups for in-class exercises.
- Brief Intro: transformations in the field of architecture and construction. Where we come from and where we are going. Use cases.

Group work and class discussion: architecture, motivations and expectations about professional life.

DEONTOLOGY

The built environment as an industry. Architecture and its role.

- The notion of value creation in economy, society and design.
- A systemic perspective on the Built Environment and its links to other industries.
- The creation of cities as a value chain.
- Relationships between public development, real estate, construction and architecture.
- The construction value chain and life-cycle.

Group work and class discussion: the future of practice

Recommended readings:

Article: The Digital in Architecture, Then, Now and in The Future. Full Report (SPACE 10)
Article: Editor's Letter: The Future Of Practice (digital.bnpmedia.com)
Article: Are We on the Verge of a New Golden Age (August 28, 2017) (Strategy + Business Global Perspective)
Article: Why Value Creation is the Foundation of Business: How to define it, measure it, and manage it (Evergreen; medium.com)
Article: The Construction Value Chain (Pages 6-9; 19 Nov. 2019) (IFC)
Book Chapters: The Architect in Practice (Pages 1-13) (See Bibliography)

SESSIONS 3 - 4 (LIVE IN-PERSON) – Friday, September 8, 2023 (15-17:50)

DEONTOLOGY

The built environment as an industry. Architecture and its role.

- The notion of value creation in economy, society and design.
- A systemic perspective on the Built Environment and its links to other industries.
- The creation of cities as a value chain.
- Relationships between public development, real estate, construction and architecture.
- The construction value chain and life-cycle.

Group work and class discussion: the potential roles and implications of architects along the city and the construction life-cycles.

Assignment will be announced: Written case resolution. Groups of four students. Due date TBC, typically 1 week after the last session.

Workshop session. What is an architect? Overview of Practice and Perspectives.

- Workshop class. Work in groups and discuss each of the following topics.
- Architecture from the creative perspective. Fundaments.
- Architecture from the perspective of value. Fundaments.
- Architecture from the practice perspective. Fundaments.
- Architecture from the financial perspective. Fundaments.
- Architecture from the legal perspective. Fundaments.
- **Fundaments of Professional Law and Practice.**
    - Legal framework
    - Definition of professional practice
        - Independent Practice (ejercicio libre de la profesión)

        - Corporate practice (ejercicio por cuenta ajena)
- **Introduction to professional organization.**
- Overview of architecture practice around the world; facts, similarities, differences, conventional and unconventional paths.

Recommended readings:

Article: What Clients think of Architects – Feedback from the "Working with Architects" (Points 1, 2 & 3) (Client Survey 2016; RIBA)
Book Chapters: The Architect in Practice (Pages 22-36 and 46-57) (See Bibliography)
Book Chapters: Compendio De Arquitectura Legal (Pages 15-25; Arquitectura Legal, Ejercicio Profesional) (See Bibliography)

SESSIONS 5 - 6 (LIVE IN-PERSON) – Friday, September 15, 2023 (15-17:50)

Workshop session. What is an architect? Overview of Practice and Perspectives.

- Workshop class. Work in groups and discuss each of the following topics.
- Architecture from the creative perspective. Fundaments.
- Architecture from the perspective of value. Fundaments.
- Architecture from the practice perspective. Fundaments.
- Architecture from the financial perspective. Fundaments.
- Architecture from the legal perspective. Fundaments.
- **Fundaments of Professional Law and Practice.**
    - Legal framework
    - Definition of professional practice
        - Independent Practice (ejercicio libre de la profesión)
        - Corporate practice (ejercicio por cuenta ajena)
- **Introduction to professional organization.**
- Overview of architecture practice around the world; facts, similarities, differences, conventional and unconventional paths.

The Professional Organization of Architecture in Spain

- **A ruled profession: the architect's responsibilities and competencies in Spain**
- **Professional Organization in Spain**
    - CSCAE and the public institutions.
    - Colegios de Arquitectos
    - Associations, research, and other institutions.
    - The private market
- **Main regulatory instruments and laws, and their relationship as a system.**
- **Colegios Profesionales**
    - Function and competencies.
    - Corporate Statutes.
    - Operational and Disciplinary functions.
    - Complementary functions.
    - The registered architects (colegiados). Benefits and obligations.
    - The stamping process (visado). Definition, purpose, steps.
    - Professional fees (honorarios profesionales) in Spain.

Group work and/or class discussion: pros and cons of a ruled profession.

Recommended readings:

Book Chapters: Compendio De Arquitectura Legal (Pages 25-42, 161-200; La Organización Profesional: Los Colegios de Arquitectos, La Responsabilidad Profesional) (See Bibliography)

SESSIONS 7 - 8 (LIVE IN-PERSON) – Friday, September 22, 2023 (15-17:50)

The Professional Organization of Architecture in Spain

A ruled profession: the architect's responsibilities and competencies in Spain

- **Professional Organization in Spain**
  - CSCAE and the public institutions.
  - Colegios de Arquitectos
  - Associations, research, and other institutions.
  - The private market

Main regulatory instruments and laws, and their relationship as a system.

- **Colegios Profesionales**
  - Function and competencies.
  - Corporate Statutes.
  - Operational and Disciplinary functions.
  - Complementary functions.
  - The registered architects (colegiados). Benefits and obligations.
  - The stamping process (visado). Definition, purpose, steps.
  - Professional fees (honorarios profesionales) in Spain.

Group work and/or class discussion: pros and cons of a ruled profession.

The Regulated activities of an architect in Spain

- Buildings Design and Construction.
- Urbanism. From territorial planning to urban design
- Real Estate Valuations (valoración inmobiliaria)
- Technical assessments (peritaje), and arbitration (arbitraje)
- Technical Building Inspection (I.T.E).
- Demarcation (deslindes), construction stakeout and layouts (replanteos), measurements and building mapping/draw ups (mediciones y levantamientos).
- Other figures.

Introduction to the Building Project and Construction Supervision.

- The legal concept of "a building" à L.O.E. Ley de Ordenación de la Edificación.
- What rules apply to its conception à CTE in detail.
  - Implications of the CTE
  - Documents of the CTE
  - Use of the CTE

The stakeholders of a complex construction project.

- Project Director (D.O. Director de Obra)
- Project Construction Director (D.E.O. Director de Ejecución de Obra)
- Owner / developer (public or private), owner's representative, contractor (builder), subcontractors, specialized consultants (topography, structures, MEP, acoustics, landscape,

energy efficiency, permitting, building-program specialists, safety and security, operations & maintenance), health & safety supervisors, project managers, quantity surveyors, quality assurance, others.

Main contractual schemes / delivery models of a construction project

- General responsibilities and accountability between the parts.
- Advantages, disadvantages, and main use cases for each scheme.
- Other international standards
- Design-build (DB)
- Design-bid-build (DBB)
- Construction Manager at Risk (CMAR)
- Integrated Project Delivery (IPD)
- Other (3P)

Group work and class discussion: practical application. Groups interpretation of different aspects of the CTE, based on a delivered plan of a project.

Recommended readings:

Book Chapters: Compendio De Arquitectura Legal (Chapters II and III: El Proyecto de Edificación, Otros Trabajos Profesionales) (See Bibliography)

Book Chapters: The Architect in Practice (Pages 59-69) (See Bibliography)

SESSIONS 9 - 10 (LIVE IN-PERSON) – Thursday, September 28, 2023 (15-17:50)

The Regulated activities of an architect in Spain

- Buildings Design and Construction.
- Urbanism. From territorial planning to urban design
- Real Estate Valuations (valoración inmobiliaria)
- Technical assessments (peritaje), and arbitration (arbitraje)
- Technical Building Inspection (I.T.E).
- Demarcation (deslindes), construction stakeout and layouts (replanteos), measurements and building mapping/draw ups (mediciones y levantamientos).
- Other figures.

Introduction to the Building Project and Construction Supervision.

- The legal concept of “a building” à L.O.E. Ley de Ordenación de la Edificación.
- What rules apply to its conception à CTE in detail.
    - Implications of the CTE
    - Documents of the CTE
    - Use of the CTE

The stakeholders of a complex construction project.

- Project Director (D.O. Director de Obra)
- Project Construction Director (D.E.O. Director de Ejecución de Obra)
- Owner / developer (public or private), owner’s representative, contractor (builder), subcontractors, specialized consultants (topography, structures, MEP, acoustics, landscape, energy efficiency, permitting, building-program specialists, safety and security, operations & maintenance), health & safety supervisors, project managers, quantity surveyors, quality assurance, others.

Main contractual schemes / delivery models of a construction project

- General responsibilities and accountability between the parts.
- Advantages, disadvantages, and main use cases for each scheme.
- Other international standards
- Design-build (DB)
- Design-bid-build (DBB)
- Construction Manager at Risk (CMAR)
- Integrated Project Delivery (IPD)
- Other (3P)

Group work and class discussion: practical application. Groups interpretation of different aspects of the CTE, based on a delivered plan of a project.

The Project, from Design to Construction: legal definitions and procedures.

- Legal definition of “a project”.
- The project leader obligations (obligaciones del proyectista).
- When is an architect needed?

Legal phases of a project in Spain

- Estudios Previos/ Preliminary Studies: definition and detail level.
- Anteproyecto/Conceptual Design: definition and detail level.
- Proyecto Básico/Design Development: definition, and detail level.
- Proyecto De ejecución(Construction Documents: definition, and detail level.

Documents of a Project in Spain

- Memoria, planos, pliego, mediciones, presupuesto (PEM).
- The permitting process in Spain. Process and stakeholders (Visado, Local Authority, Special Protections, Fire Dept., etc).
- Current problems in the system and how to tackle them.
- Permitting time, Traceability, Misinformation.

Legal responsibility of the project (and the architect), in detail.

- Overview
- Civil Responsibility
- Penal responsibility
- Administrative / contractual responsibility
- Responsibility protection. Insurance and obligations.

Owner/developer - Architect contract

- What is it. Why it’s necessary?
- Main Elements of the contract: parts, objectives, economic conditions, payment procedures, other conditions (time frame, means and methods, penalties, deliverables, responsibilities).
- Private and public contracts. Main differences.

Architect - Consultant contracts

- General overview. Definition. Objectives.
- Shared responsibilities.

Public participatory processes in architecture.

- Definition and goals | Main steps of the process | Stakeholders.
- How does this fit into the project process?

Group work and class discussion (project-based study): laying-out the main processes and the stakeholder intervention of a building construction, from land preparation to delivery.

Recommended readings:

Book Chapters: Compendio De Arquitectura Legal (Chapters II, III, IV: El Proyecto de Edificación, Otros Trabajos Profesionales, Responsabilidad Profesional) (See Bibliography)
Book Chapters: The Architect in Practice (Pages 199-212, and Stages 0 to 3 Plan of Work) (See Bibliography)

SESSIONS 11 - 12 (LIVE IN-PERSON) – Friday, September 29, 2023 (15-17:50)

The Project, from Design to Construction: legal definitions and procedures.

- Legal definition of "a project".
- The project leader obligations (obligaciones del proyectista).
- When is an architect needed?

Legal phases of a project in Spain

- Estudios Previos/ Preliminary Studies: definition and detail level.
- Anteproyecto/Conceptual Design: definition and detail level.
- Proyecto Básico/Design Development: definition, and detail level.
- Proyecto De ejecución(Construction Documents: definition, and detail level.

Documents of a Project in Spain

- Memoria, planos, pliego, mediciones, presupuesto (PEM).
- The permitting process in Spain. Process and stakeholders (Visado, Local Authority, Special Protections, Fire Dept., etc).
- Current problems in the system and how to tackle them.
- Permitting time, Traceability, Misinformation.

Legal responsibility of the project (and the architect), in detail.

- Overview
- Civil Responsibility
- Penal responsibility
- Administrative / contractual responsibility
- Responsibility protection. Insurance and obligations.

Owner/developer - Architect contract

- What is it. Why it's necessary?
- Main Elements of the contract: parts, objectives, economic conditions, payment procedures, other conditions (time frame, means and methods, penalties, deliverables, responsibilities).
- Private and public contracts. Main differences.

Architect - Consultant contracts

- General overview. Definition. Objectives.
- Shared responsibilities.

Public participatory processes in architecture.

- Definition and goals | Main steps of the process | Stakeholders.
- How does this fit into the project process?

Group work and class discussion (project-based study): laying-out the main processes and the stakeholder intervention of a building construction, from land preparation to delivery.

The Construction Supervision phase (Dirección de Obra)

- Project Director (D.O. Director de Obra). Legal definition and implications.
- Project Construction Director (D.E.O. Director de Ejecución de Obra) Legal definition and implications.

Documents and tools for the Control of Construction

- Construction Documents (Planos de Ejecución)
- Construction Budget (Presupuesto de contrata, PC)
    - Main categories and concepts.
- Construction logbook/book of orders. (Libro de ordenes y asistencias)
- Incidents logbook (Libro de Incidencias)
- As Built documents (Libro del edificio)
- Construction completion Certificate. (Certificado Final de Obra, CFO)
- Reception/delivery acts. (Actas de recepción de obra y garantías)

Legal responsibility of construction in detail.

- Overview
- Civil Responsibility
- Penal responsibility
- Administrative / contractual responsibility
- Responsibility protection. Insurance and obligations.

The Construction contract (owner/developer - builder).

- What is it.
- Differences with the Professional Services Contract (Architect)
- Modalities
- Contract award process. Role of the architect before and after award.
- Elements of the contract: parts, objective, construction budget, payment procedures, conditions (time frame, means and methods, penalties, reception and guarantee period).
- Private and public contracts. Main differences.

Group work and class discussion: (case study). Analysis and procedure under unforeseen circumstances and/or mistakes during construction.

Class discussion: ensuring viable quality architecture. Approaches to construction supervision.

Recommended readings:

Book Chapters: Compendio De Arquitectura Legal (Chapter II: El Proyecto de Edificación) (See Bibliography)

Book Chapters: The Architect in Practice (Pages 199-212, and Stages 4 to 6 Plan of Work) (See Bibliography)

SESSIONS 13 - 14 (LIVE IN-PERSON) – Thursday, October 5, 2023 (15-17:50)

The Construction Supervision phase (Dirección de Obra)

- Project Director (D.O. Director de Obra). Legal definition and implications.
- Project Construction Director (D.E.O. Director de Ejecución de Obra) Legal definition and implications.

Documents and tools for the Control of Construction

- Construction Documents (Planos de Ejecución)
- Construction Budget (Presupuesto de contrata, PC)
    - Main categories and concepts.
- Construction logbook/book of orders. (Libro de ordenes y asistencias)
- Incidents logbook (Libro de Incidencias)
- As Built documents (Libro del edificio)
- Construction completion Certificate. (Certificado Final de Obra, CFO)
- Reception/delivery acts. (Actas de recepción de obra y garantías)

Legal responsibility of construction in detail.

- Overview
- Civil Responsibility
- Penal responsibility
- Administrative / contractual responsibility
- Responsibility protection. Insurance and obligations.

The Construction contract (owner/developer - builder).

- What is it.
- Differences with the Professional Services Contract (Architect)
- Modalities
- Contract award process. Role of the architect before and after award.
- Elements of the contract: parts, objective, construction budget, payment procedures, conditions (time frame, means and methods, penalties, reception and guarantee period).
- Private and public contracts. Main differences.

Group work and class discussion: (case study). Analysis and procedure under unforeseen circumstances and/or mistakes during construction.

Class discussion: ensuring viable quality architecture. Approaches to construction supervision.

Contract Negotiation as an Architect. An introduction.

- The contract as multi-scenario instructions set.
- General approach to negotiation: fairness and alignment.
- Reflections and approaches to:
    - Ensure an adequate framework to perform the work.
    - Defend the viability of a practice.
    - Defend the economic viability of the project.
    - Minimize risk.
    - Ensure the right delivery model.
    - Set the boundary conditions: roles, expectations, roadmap & rewards.
    - Foresee and prevent future situations. Conflict resolution.
    - Ethical & Legal Limits of contract negotiation.

Intellectual property in architecture.

- Definition, and regulations.
- Protection.

Case-study: contract analysis and scenarios discussion.

Group work and class discussion: role-play. Peer-to-peer contract negotiation based on an example delivered in class. Further discussion.

Recommended readings:

Book Chapters: Compendio De Arquitectura Legal (Chapter II: El Proyecto de Edificación) (See Bibliography)
Book Chapters: Negotiation (pgs. 50-63; The Negotiation Checklist) (CED)
Book Chapters: The Art and Science of Negotiation (Chapter 11: Tradeoffs and Concessions; pp.148-156) (CED)

SESSION 15 (LIVE IN-PERSON) – Thursday, October 19, 2023 (15-16:20)

Professional ethics: A synthesis.

Group Work and class discussion.

BIBLIOGRAPHY

Recommended

- David Chappell. (2006). *The Architect in Practice.* 11. ISBN 1118907736 (Digital)
- Federico García Erviti. (2016). *Compendio de arquitectura legal.* Reverte. ISBN 9788429120974 (Digital)
- Carlos J. Irisarri. (2022). *El arquitecto ilustrado. Del oficio a la profesión*. CEEH Centro de Estudios Europa Hispánica. ISBN 978-84-18760-05-1
- Carlos J. Irisarri (2019). *El arquitecto práctico*. Ediciones Asimétricas. ISBN: 978-84-17905-13-2.
- Carlos J. Irisarri y Rafael Iñiguez de Onzoño (2021), *Guía COAM de la dirección de obra*, Ediciones Asimétricas, ISBN: 978-84-19050-09-0.

EVALUATION CRITERIA

The final grade of each student will depend not only on their theoretical knowledge acquired during the course, but also on their ability to express with their own words and work, how such knowledge may be applied to their everyday professional life.

All assignments will be delivered via Blackboard in PDF format.

Assignment 1: written case resolution.

- Group assignment. Groups of 4 students to be formed in class, with professor instructions.

- It will be explained and clarified in class.
- Due date to be announced via Blackboard on the Assignment space. Typically the same date as the last session of the course, at 23:59 Madrid time.
- A project case will be handed to students. Based on the information provided, students will have to first discuss and then assess/solve the implications and situations of such case related to some of the different topics touched on Part 1 of the course. Guidance questions will be provided with the case.
- Extension will typically be between 2000 and 3000 words, as a mere reference (quantity does not mean quality).
- **Quality: concise, clear and effective writing is valued over extension**
- Students will be asked to defend or explain some of their positions in class discussion/case resolution.

Assignment 2: Video post about the architectural profession

- Individual Assignment.
- It will be explained and clarified in the first classes of the course.
- Due Date to be announced via Blackboard on the Assignment space. Typically towards the middle of the course, to be presented or discussed in class (Sessions 7-9).
- Every student will have to record a short 3 minutes selfie video (sharp timing) for a hipothetical SSNNs audience (in this case it will be the class), in which one topic regarding the architectural profession is analyzed and discussed. Students will focus on aspects that, in their opinion, need to be improved to make our profession and realm better (more info in class).
- Having a sharp timing for a selfie-video will make the students think deeply about their own profession, how they would expect it to be in the future, and how they can contribute to it. It will also be an exercise of synthesis and an effort to deliver clear, simple and shapr communication of a potentially complex topic. The whole class will be able to see the videos, that will be collected on a "gallery" on Miro or similar. Students will have to vote the videos they are more interested in and that they would like to discuss in class. We will dedicate a full session to discuss up to 10 videos of the class.
- Constructive, positive discussion is highly encouraged, and is also one of the key learning outcomes of this assignment.

Criteria	Percentage	Comments
Assignments 1-2	40 %	
in Class Exercises/Discussions	30 %	
Assistance and Indiv. Participation	30 %	

The final grade of the course will be the average between the grades obtained in all parts. In every part, two aspects will be assessed: the correspondent assignment delivered, and student's participation. The latter considers both in-class groupwork as per the exercises delivered in each of the course sessions, and individual class participation both in the form of spontaneous questions, comments, or exhibition of the work done in class. Participation evaluation includes the student's contribution to an optimal learning environment, respecting the dynamic of the sessions, following class and allowing others to participate.

Assignments will be assessed from 1 to 10 for each of the following criteria:

- Quality of the content delivered (pertinence, originality, sharpness, interest of the ideas

introduced by the students, quality of the writing and having a document easy to read, and well crafted).

- Capacity to respond to the suggested topics or questions.
- In-time and in-format delivery (10/10 = on time, 5/10= late).

There is no final exam.

- The final grade will be the result of an average of the grades obtained during the class period and its assignments as described above. The student will pass the class when the grade is superior to 5, sharp. Since there is no final exam, the clarity of the concepts in the assignments especially important.
- The course will follow IE University's attendance policy, those students that do not comply with the minimum, will fail the course and will also be deprived of the opportunity to attend the second extraordinary exam period, passing directly to the third. The maximum grade to be obtained in the extraordinary exam period will never be higher than 8.

Office hours will be provided upon request via email to the professor.

PROFESSOR BIO

Professor: **ALEJANDRO VALDIVIESO ROYO**

E-mail: alejandrov@faculty.ie.edu

Architect. PhD. Editor-in-chief, *Arquitectura* COAM. Founder, VALDIVIESOARQUITECTOS

Alejandro Valdivieso is a Spanish architect whose work is based on a consistent theoretical insight of practice through the production of design, on the one hand, and scholarship, on the other. He develops his activity through different formats and mediums: as an active practicing architect (principal and founder of the award-wining Madrid-based office VALDIVIESOARQUITECTOS); as writer and editor for several platforms; and as an educator, currently an Assistant Professor of Architectural History and Theory at ETSAM (Escuela Técnica Superior de Arquitectura, Universidad Politécnica de Madrid).

Exploring the connections between History, Culture and building technology, recent built projects focus, for example, on low-carbon construction technology, domesticity, or critical conservation (adaptive reuse). Valdivieso's work, thought, written, and built, has been presented, shared, and published in Spain and internationally.

Valdivieso, trained in Madrid (Ábalos&Herreos, AS+ Ábalos+Sentkiewicz, Estudio Herreros) and Italy (Cultore della Materia, Università degli Studi di Sassari, Facoltà di Architettura di Algher) studied architecture at Universidad de Alcalá in Madrid (B.Arch, M.Arch, 2008), Harvard University (Master in Design Studies 'History and Theory', Fulbright Scholar, 2016) and ETSAM (Ph.D. in the History and Theory of Architecture, 2021).

He is a member of the Spanish Asociación de Historiadores de la Arquitectura y el Urbanismo (AhAU); member of the Editorial Board of its journal *Varia* for its three first issues (2019-2022) and member of its Scientific Committee since 2023. In February 2023 he was awarded, together with Javier García-Germán, the First Prize so as to become the editor-in-chief of COAM centenary magazine *Arquitectura* [http://www.revistaarquitectura.com/]

OTHER INFORMATION

OTHER MATERIALS:

Recommended readings related to each session, are listed under each session's content.

The following list includes those readings and additional content related to the class, that might be of interest and/or utility for the students:

Personal-professional planning and growth:

- Christensen, Clayton M., et al. How Will You Measure Your Life? Thorsons, 2019.
- George, Bill. Discover Your True North. Wiley, 2015.

Practice Management:

- (Pages 135-195) Chappel, David. Dunn,Michael. The Architect in Practice. Willey Blackwell,11th Ed. 2016.
- MacLeamy, Patrick. Designing a World Class Architecture Firm. The People, Stories and Strategies Behin HOK. Wiley, 2020.

Deontology and State of Practice:

Recommended:

- Why Value Creation Is The Foundation Of Business: How To Define It, Measure It, And Manage It. Medium. N. p., 2019. Web. 19 Nov. 2019. https://medium.com/evergreen-business-weekly/why-value-creation-is-the-foundation-of-business-how-to-define-it-measure-it-and-manage-it-147c92b87aca
- The Digital in Architecture, Then, Now and in The Future. Full Report. SPACE 10: https://space10.com/project/digital-in-architecture/?utm_medium=website&utm_source=archdaily.com
- Editor's Letter: The Future Of Practice. Digital.bnpmedia.com. Web. 19 Nov. 2019. http://digital.bnpmedia.com/publication/?i=498899&article_id=3095690&view=articleBrowser&ver=html5{%22issue_id%22:498899,%22view%22:%22articleBrowser%22,%22article_id%22:%223095690%22}
- R.A.: Are We on the Verge of a New Golden Age (Strategy+Business: Global Perspective, August 28, 2017) https://www.strategy-business.com/article/Are-We-on-the-Verge-of-a-New-Golden-Age?gko=bddbe
- The Construction Value Chain (Pages 6-9) Ifc.org. N. p., 2019. Web. 19 Nov. 2019. https://www.ifc.org/wps/wcm/connect/9d25fe8c-64c5-450a-ad01-c7a5ce138f74/20181024-Construction-Industry-Value-Chain.pdf?MOD=AJPERES&CVID=mr5N266
- Erviti Federico García. Compendio De Arquitectura Legal. Reverté, 2016.
- García Valcárcel, Antonio. Deontologia Para Arquitectos. CIE Inversiones Editoriales Dossat 2000, 2004.
- Pressman, A. (2006). Professional Practice 101. Business Strategy and Case Studies in - Architecture. John Wiley & Sons. Hoboken, New Jersey.
- Ray, Nicholas (ed.) (2005). Architecture and its Ethical Dilemmas. Taylor & Francis. New York, NY.
- ArchDaily. (2019). Norman Foster Discusses the Dawn of High-Tech Architecture in This -1971

Interview. [online] Available at: https://www.archdaily.com/876459/norman-foster-discusses-the-dawn-of-high-tech-architecture-in-this-1971-interview.
- Cuff, D. (1992) Architecture : the story of practice. 1st MIT pbk. ed. Cambridge, Mass.: MIT Press.
- Pressman, A. (2006). Professional Practice 101. Business Strategy and Case Studies in Architecture. John Wiley & Sons. Hoboken, New Jersey.
- Cesal, E. J. (2010) Down detour road : an architect in search of practice. Cambridge, Mass: MIT Press.
- Fisher, T. (2000) In the scheme of things: alternative thinking on the practice of architecture. Minneapolis: University of Minnesota Press.
- Hyde, R. (2013) Future practice: conversations from the edge of architecture. New York: Routledge.
- Libro Blanco de los Concursos. Colegio de Arquitectos de Madrid. IIIª Edición. https://www.coam.org/media/Default%20Files/servicios/colegiacion/docs/2015/libro%20blanco%20concursos_3ed_web.pdf

COURSE STANDARDS

1. Students arriving more than 5 minutes late will be marked as “Absent”.
Only students that notify in advance in writing that they will be late for a specific session may be granted an exception (at the discretion of the professor).

2. **Using a name tag in your desk helps faculty members and fellow students learn your names.**

3. Students are not allowed to leave the room during lectures. If a student leaves the room during lectures, he/she will not be allowed to re-enter and, therefore, will be marked as “Absent”.

Only students that notify that they have a special reason to leave the session early will be granted an exception (at the discretion of the professor).

4. As a sign of respect toward the person presenting the lecture (the teacher as well as fellow students), side conversations are not allowed. If you have a question, raise your hand and ask it. If you do not want to ask it during the lecture, feel free to approach your teacher after class.

If a student is disrupting the flow of the lecture, he/she will be asked to leave the classroom and, consequently, will be marked as “Absent”.

5. IE University implements a “Phone-free Classroom” policy and, therefore, the use of phones, tablets, etc. is forbidden inside the classroom. Failing to abide by this rule entails expulsion from the room and will be counted as one absence.