# SYLLABUS

## COURSE POLICIES , ACADEMIC YEAR 2026/2027 DR. GC ABDELGHANI BELAROUCI

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| **Course title** | **Project ownership and Project management** |
| **Level / semester** | Master 1 Architecture M1 |
| **Instructor** | Dr. Abdelghani Belarouci |
| **Hours** | 18 hours Lecture + 18 hours Tutorial |
| **General objective** | By the end of the course, learners will understand the stakeholders involved in construction and their roles and interactions. Learners will also be able to prepare quantity and cost estimates for building projects |
| **Specific objectives** | - Identify the stakeholders in the construction process<br>- Recognize the roles of the project manager and project owner<br>- Understand the Algerian regulatory framework for project management and ownership<br>- Calculate detailed cost breakdowns<br>- Prepare quantity and cost estimates |
| **Course content** | Chapter I: Stakeholders in the construction process (definition, project owner, project manager, contracting companies)<br>Chapter II: The Project<br>- Preliminary studies: Opportunity, feasibility, environmental impact, requirements definition, preliminary program<br>- Architectural studies: Preliminary & detailed design, permit applications<br>- Detailed execution studies: Execution drawings, validation by Technical Control Office (CTC)<br>Chapter III: Project Management (MOE)<br>- Definitions and functions<br>- Regulatory framework and Algerian regulations<br>- Management practice: design and supervisory roles, computer tools, preparing specifications<br>Chapter IV: Building Economics<br>- Quantity surveying: basic concepts, practical exercises<br>- Scheduling, deadlines, regulations, economic impacts<br>- Price studies and variations, calculation of unit prices, labor and materials costs, cost breakdowns, sales coefficients, bill of quantities and estimates<br>Chapter V: Project Ownership and Public [Details not provided] |

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| **Teaching methods** | **Lectures, practical exercises, case studies** |
| **Assessment methods** | Continuous assessment based on exercises and projects, final exams |
| **Organization (12 weeks)** | Weeks 1–2: CHAPTER 1<br>Weeks 3–4: CHAPTER 2<br>Weeks 5–6: CHAPTER 3<br>Weeks 7–8: CHAPTER IV<br>Week 8-9: CHAPTER V<br>Week 10: Revision and exam |
| **References & bibliography** | Patricia Grellier Wyckoff . Pratique du droit de la construction, Marchés publics et privés .Eyrolles 2010.<br>2.Michel Manteau , Métré de bâtiment Eyrolles , 1987.<br>3.Yves Widloecher, David Cusant .Manuel de l'étude de prix, Entreprises du BTP - Contexte - Cours - Etudes de cas - Exercices résolus.<br>Eyrolles 2013<br>4.Claude-Hubert Jacquot, Jacques-Yves Renet .L'économie pour le bâtiment et le génie civil - Etude de prix Eyrolles 2002<br>5.Jean-Pierre Gousset . Avant-métré - Terrassements, VRD et gros-œuvre Eyrolles 2015<br>6.Jean-Pierre Gousset - Jean Claude Capdebielle - René Parlat Le Métré : CAO DAO avec Autocad - Etude de prix .Eyrolles 2011<br>9.Décret exécutif n° 16-224 du 22 août 2016 fixant les modalités de rémunération de la maîtrise d'œuvre en bâtiment<br>10.Décret Présidentiel n° 15-247 du 16 septembre 2015 portant réglementation des marchés publics et des délégations de service public |
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