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| **Course #** | **457.657** | **Lecture #** | **001** | **Title** | **Civil and Environmental Project Mgmt** | **Credit** | **3.0** |
| **Lecture** | **Monday 4-7pm (35-431)** |

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| **Lecturer** | Name: Seokho Chi (Professor) |  |
| E-mail: shchi@snu.ac.kr | Phone: 02-880-7344 |
| TA: Soram Lim (35-429, sorami@snu.ac.kr) |

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| **Course Objectives** | * Understanding of construction industry, markets and policies
* Introduction to Construction Management (CM) and Project Management (PM) principles
* Development of construction professionals
* Understanding current industry problems, improvement opportunities and mitigation strategies
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| **Textbook and References** | * Textbook
* Lecture slides and handouts
* References
* Construction Management A to Z, 2nd Edition, 한미글로벌, 보문당
* Project Management for Engineering and Construction (PMEC), Garold D. Oberlender, McGraw-Hill
* Construction Planning and Scheduling, Jimmie W. Hinze, Pearson Prentice Hall
* 한국 건설 산업의 성공 키워드 CM/PM, 한국 건설 산업 연구원, 보성각
* A Guide to the Project Management Body of Knowledge (PMBOK Guide, Fourth Edition), PMI (Project Management Institute)
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| **Assessment** | Attendance | Individual A. | Group A. | Mid-Exam | Final Exam | Others | TOTAL |
| 15% | 15% | 20% | 20% | 30% |  | 100% |

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| **Note** | * **“THIS IS AN INTRODUCTORY COURSE OF CONSTRUCTION MANAGEMENT (CM)/PROJECT MANAGEMENT (PM), ONLY FOR THE STUDENTS WHO HAVE NOT ENROLLED IN CM/PM-RELATED COURSES BEFORE. IF YES, THE STUDENT IS NOT ENCOURAGED TO RESISTER.”**
* English lecture, presentation, and assignment
* Ready for group assignment - Teamwork and active participation are required
* Still flexible lecture contents
* Follow SNU’s assessment standards
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| **Cheating and Plagiarism** | * O% for the given assessment item without any excuse
* Penalty by SNU’s regulations
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| **Detailed Lecture Schedule** | **Week (Date)** | **Lecture Contents** | **Others** |
| Week 1(3.3) | Course Introduction |  |
| Week 2(3.10) | Introduction to Project ManagementProject Objective Setting |  |
| Week 3(3.17) | Project Delivery and Contract MethodsPre-Project Planning |  |
| Week 4(3.24) | Pre-Project PlanningDecision and Risk Analysis | Group Presentation (1) |
| Week 5(3.31) | Project Scheduling (1) |  |
| Week 6(4.7) | Project Scheduling (2) | Group Presentation (2)Interim Group Report Due |
| Week 7(4.14) | **Mid-Semester Examination** |  |
| Week 8(4.21) | Project Cost Estimating (1) | Individual Assignment (1) Due |
| Week 9(4.28) | Project Cost Estimating (2) |  |
| Week 10(5.5) | Break | Children’s Day |
| Week 11(5.12) | Procurement and ConstructionProject Control and Risk Management | Individual Assignment (2) Due |
| Week 12(5.19) | Project Control and Risk ManagementSafety Management |  |
| Week 13(5.26) | PMIS and IT Applications | Individual Assignment (3) Due |
| Week 14(6.2) | **Final Group Presentation** | Group Final Report Due |
| Week 15(6.9) | **Final Examination** |  |