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| **Course #** | **457.307** | **Lecture #** | **001** | **Title** | **Construction Planning and Management** | **Credit** | **3.0** |
| **Lecture** | **Monday/Wednesday 11:00am – 12:15pm (35-316)** |

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| **Lecturer** | Name: Seokho Chi (Professor) |  |
| E-mail: shchi@snu.ac.kr | Phone: 02-880-7344 |
| TA: Yohun Chung (yohun@snu.ac.kr, 35-314, 02-880-8538) |

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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
* Construction Management A to Z, 2nd Edition, 한미글로벌, 보문당
* 참고문헌
* 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, 4th Edition), PMI (Project Management Institute)
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| **Assessment** | Attendance | Individual A. | Group A. | Mid-Exam | Final Exam | Others | TOTAL |
| 5% | 15% | 30% | 20% | 30% |  | 100% |

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| **Note** | * 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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| **DetailedLectureSchedule** | **Week****(Date)** | **Lecture Contents** | **Others** |
| Week 13/2 3/7 | Course Introduction |  |
| Week 23/9 3/14 | Introduction to Project ManagementProject Objective Setting |  |
| Week 33/16 3/21 | Project Delivery and Contract Methods |  |
| Week 43/23 3/28 | Pre-Project Planning |  |
| Week 53/30 4/4 | Decision and Risk Analysis |  |
| Week 64/6 4/11 | Project Scheduling (1) |  |
| Week 74/13 4/18 | 4/13: National Assembly electionsProject Scheduling (2) |  |
| Week 84/20 4/25 | 4/20: Group Interim Presentation**4/25: Mid-term Examination** | 15 minutes presentation + 5minutes Q&A**Group Project Interim Report Due** |
| Week 94/27 5/2 | Project Cost Estimating (1) |  |
| Week 105/4 5/9 | Project Cost Estimating (2) |  |
| Week 115/11 5/16 | Procurement and Construction |  |
| Week 125/18 5/23 | Project Control / Safety Management |  |
| Week 135/25 5/30 | PMIS and IT Applications5/30: Group Project Consulting |  |
| Week 146/1 6/6 | **6/1: Final Examination**6/6: Memorial Day |  |
| Week 156/8 6/13 | **Final Group Presentation** | 20 minutes presentation + 10 minutes Q&A **Group Project Final Report Due** |