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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](mailto:shchi@snu.ac.kr) | Phone: 02-880-7344 |
| TA: Yohun Chung ([yohun@snu.ac.kr](mailto: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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| **Detailed Lecture Schedule** | **Week**  **(Date)** | **Lecture Contents** | **Others** |
| Week 1  3/2 3/7 | Course Introduction |  |
| Week 2  3/9 3/14 | Introduction to Project Management Project Objective Setting |  |
| Week 3  3/16 3/21 | Project Delivery and Contract Methods |  |
| Week 4  3/23 3/28 | Pre-Project Planning |  |
| Week 5  3/30 4/4 | Decision and Risk Analysis |  |
| Week 6  4/6 4/11 | Project Scheduling (1) |  |
| Week 7  4/13 4/18 | 4/13: National Assembly elections  Project Scheduling (2) |  |
| Week 8  4/20 4/25 | 4/20: Group Interim Presentation  **4/25: Mid-term Examination** | 15 minutes presentation + 5minutes Q&A  **Group Project Interim Report Due** |
| Week 9  4/27 5/2 | Project Cost Estimating (1) |  |
| Week 10  5/4 5/9 | Project Cost Estimating (2) |  |
| Week 11  5/11 5/16 | Procurement and Construction |  |
| Week 12  5/18 5/23 | Project Control / Safety Management |  |
| Week 13  5/25 5/30 | PMIS and IT Applications  5/30: Group Project Consulting |  |
| Week 14  6/1 6/6 | **6/1: Final Examination**  6/6: Memorial Day |  |
| Week 15  6/8 6/13 | **Final Group Presentation** | 20 minutes presentation + 10 minutes Q&A **Group Project Final Report Due** |