CUNY – Baruch College

Zicklin School of Business, Real Estate Department

Project Management And Construction
RES9920

Professor/Lecturer: Salvador Rozenberg, MBA, R.P.A
Office Location: Telephone:
E-mail: Sroze661@gmail.com

Course Syllabus

Course Information:

Project Management And Construction (PMAC) provides a baseline view with the fundamentals to the diverse business activities involved in the construction industry such as construction management, general contracting, product and material services and real estate development. This course is intended for management personnel, graduate students and professionals to hone basic knowledge of construction means, methods and delivery systems. The Fall semester classes meet on Tuesday's and Thursday's from 5:50 pm to 7:05 pm.

Course Description

Project Management And Construction provides the course participant with an overview of today's construction industry, as well as the future trends and historically growth of the industry. The course covers the construction processes, monitoring and project management. This broad treatment of the course is design to challenge the course participant with improving basic knowledge and skills required to function as a construction or project manager. The course will also be invaluable to those participants intending to pursue careers in financing and development with understanding of construction concepts necessary to produce efficient and sustainable...
structures at multiple urban, suburban and rural locations. Many of the project management techniques presented can be applied to organizational management. The construction means, methods and materials employed in creating structures such as commercial, government, industrial, infrastructure, research, residential and retail will be presented. Several project management topics including types of business entities, delivery systems, planning, scheduling, basic estimating, cost control (earned value analysis), bid leveling, quality control with value engineering, safety, productivity, risk management, claims, legal issues will be addressed. Emphasis will be on the mature businessperson hands-on practical application of the construction management principles.

Prerequisite or Corequisite: RES 9776 (FIN 9776)

**Course Objectives:**

- Understanding of business entities
- Introduce the non technical oriented individual to the business aspects of construction
- Understanding of construction job functions
- Introduce basic estimating and cost control skills
- Fundamentals of CSI Masterformat, contracts, AIA contracts and Requests For Proposal (RFP’s)
- Practice researching of databases to prepare proposals or bids and development a successful procurement procedure
- Explore construction means, methods, materials and delivery systems
- Determine the “best practice” approach to construction financing renovations, capital improvements and development projects (such as government incentives and abatement programs)
- Establish safety procedures and protocols
- Cultivate teamwork and communication skills
- Development the knowledge to utilize sustainability and green building technology in renovation and development projects
- Kindle professionalism and ethical business practices
Course Grading:

Attendance: 10%
Class participation: 15%
Homework: 10%
Research: 10%
Quizzes: 25%
Team Projects: 30%

Course Rating Percentage:

A+ 95
A  90 - 94
B+ 86 - 89
B  84 - 85
B- 80 - 83
C+ 75 - 79
C  74 - 78
C- 71 - 73
D+ 69 - 70
D  65 - 68
D- 60 - 64
F  < 59

Course Textbooks:


Adjunct Lecturer to provide internet links to other reading materials and manuals.
Projected Course Schedule:

Week 1 – Practice of communications skills, students prepare data sheets, discussion of class project and team organization. Purchase textbooks. Class discussion of assigned chapters.

Week 2 – Class discussion of on assigned chapters.

Week 3 – Class project and assignment of project teams. Class discussion of chapters assigned.

Week 4 – Project Manager to formulate and submit organization chart, teammates responsibility and submit team project mission statement. Field trip to project site to be announced.

Quiz I – Chapters 1, 2 and 3

Week 5 - Class discussion of assigned chapters.

Week 6 – Class discussion of assigned chapters and surety bonding and risk management issues.

Week 7 - Quiz II – Chapters 4 through 6 and bonding issues.

Week 8 – Class discussion of assigned chapters.

Week 9 – Preliminary submission of class project. Overview of course and textbook chapters

Week 10 – Quiz III – Chapters 7 through 12

Week 11 – Class project team meeting to review for presentation

Week 12 – Final review for class presentation

Week 13 – Class Team Project Presentation