QUS 3202 Construction Production Management

Hours Per Week			Hours per Semester	Weighted Total Mark	Weighted Exam Mark	Weighted Continuous Assessment	Credit Units
LH	PH	TH	CH	WTM	WEM	WCM	CU
3	0	3	45	100	60	40	3

Course description

This course entails aspects of construction planning, management, safety and quality assurance. It also identifies aspects in building production management which are important to construction professionals.

Objective(s)

To develop students' appreciation of the importance of various aspects in construction planning, management, safety and quality assurance, and how these aspects interrelate to facilitate the site communication and co-ordination of construction projects.

Course contents [45 CH]

- Construction planning, management,
- safety and quality assurance
- Monitor and control of construction work.
- Essential aspects of construction plant, equipment, method and program.
- Specification writing and cost analysis;
- Compliance and liability issues in specification writing;
- Inspection techniques;
- Field supervision;
- Blueprint reading and construction process management. **Learning outcomes.**
- Apply construction industry theory and best practices to affordable and market-rate housing development;
- Understand the importance and critical components of design, specifications, cost analysis, and management for construction and rehabilitation; and

- Develop systems and procedures to ensure maximum quality in construction and rehabilitation of affordable and market-rate housing.

Method of delivery.

The course will be conducted through a mixture of lectures, group discussions and reading assignments. Basic lecture materials and data will be provided by the Lecturer and this will be supplemented by individual reading effort by students.

Method of assessment.

Assessment will be done through continuous coursework and final written examination. Continuous assessment will include assignments and classroom tests. A final examination will be offered at the end of each semester and will carry 60% of the total mark. Coursework will carry a total of 40% and will be divided into: assignments 20%, and written tests 20%.

Reference books and materials.

1. Pilcher R.. 1976. ***Principles of Construction Management.*** 1976 (2nd Edn.) Mc Graw-Hill Book Company London.

2. Harris F. and Mc Caffer D. 1983. ***Modern Construction Management,*** Granada Publishing, London.

3. Peurifoy R. L. 1970. ***Construction planning, equipment & Methods,*** McGraw - Hill book company, Ltd.

4. Donald S.B. & Boyd C.P 1992. ***Professional construction Management,*** McGraw Hill International Editions, New York.