Department of City & Regional Planning,
School of Architecture & Planning,
University of Management and Technology

Course Outline – Professional Planning Practice

UMT Vision

OUR VISION IS LEARNING!

It defines our existence, inspires all stakeholders associated with us, creates a powerful momentum inside, and responds to the challenges outside. It continues to evolve as present captures new realities and foresight unfolds new possibilities.

All in an incessant attempt to help individuals and organizations discover their God-given potentials to achieve ultimate Success actualizing the highest standards of efficiency, effectiveness, excellence, equity, trusteeship and sustainable development of global human society.

UMT Mission

OUR MISSION IS LEADING!

We aspire to become a learning institution and evolve as the leading community for the purpose of integrated development of the society by actualizing strategic partnership with stakeholders, harnessing leadership, generating useful knowledge, fostering enduring values, and projecting sustainable technologies and practices.

Vision and Mission Statements of the City & Regional Planning Department

The vision statement of the Department of City & Regional Planning is:
- To be a leading City & Regional Planning Department aiming for excellence in learning, research and innovation with integrity and equity.

The mission of the Department of City & Regional Planning is:
- The mission is to establish a very important program concerning the development and management of the built environment. This is entitled as Bachelor of Science in City and Regional Planning. The studies will be focused on needs of the nation in the field of built environment of our regional, urban and rural settlements. The students are required to be equipped with knowledge of advanced skills, latest knowledge and technology used in the planning and management of various settlements. They need to be fully aware of the current world, new trends and direction of the developments in future.

Program Educational Objectives (PEOs)

Five years after graduating, the graduates of the program should be characterized by the following three features:

PEO-1:

The graduates will apply learnt knowledge and skills of spatial, temporal, and physical planning.

PEO- 2:

The graduates will propose and execute appropriate solutions to complex planning and urban

issues and adapt recent developments in planning focusing on research, creativity, and innovation.

PEO-3:

The graduates will reflect core ethical values in their professional conduct and become responsible members of society.

Program Learning Outcomes (PLOs) / Graduate Attributes

Graduates of the BS CRP program at UMT are expected to have acquired and developed the following set of knowledge, skills, and personality traits (these are also referred to as graduate attributes)

PLO 1: Planning Knowledge

An ability to demonstrate knowledge of contemporary planning theories and conceptual ideologies and models.

PLO 2: Designing Analysis

An ability to identify and investigate problems, construct theoretical framework through literature review and case studies and synthesize information.

PLO 3: Professional Skills

Apply planning knowledge in design/planning process to synthesize and articulate multi-faceted variables to generate an integrated solution based on societal and environmental considerations.

PLO 4: Usage of IT

An ability to select and apply appropriate techniques and resources, including prediction and modelling, to complex planning activities.

PLO 5: Communication

Convey ideas and solutions of planning/urban problems in verbal, written and graphical modes, effectively.

PLO 6: Leadership

Ability to opt a role for affective coordination within the team & collaboration with the community.

PLO 7: Professional Ethics

An ability to apply ethical principles and professional codes following the social norms to the best interest of the society.

PLO 8: Lifelong Learning

Capable of acquiring knowledge, skill, and information self-reliantly from diverse sources and appreciating new ideas and concepts.

Course Learning Outcomes:

After studying this course, the learners will be able to:

- Understand the methods and techniques for project planning and management.
- Apply the techniques of project management to development projects.
- Understand professional codes of conduct for planners.
- Apply theoretical knowledge of planning and ethics to progressive planning practice.
- Communicate ideas using diverse formats and strategies to academic and professional audiences within and external to the discipline of urban and regional planning.

CODE	NAME	CLO	CLO Type
335.1	335.C1	Understand the methods and techniques for project planning and management.	C2
335.2	335.C2	Apply the techniques of project management to development projects.	C6
335.3	335.C3	Understand professional codes of conduct for planners.	C2
335.4	335.C4	Apply theoretical knowledge of planning and ethics to progressive planning practice.	C6
335.5	335.C5	Communicate ideas using diverse formats and strategies to academic and professional audiences within and external to the discipline of urban and regional planning.	A2

Tittle	Course Learning Outcomes	PLO 1: Planning Knowledge	PLO 2: Designing Analysis	PLO 3: Professional Skills	PLO 4: Usage of IT	PLO 5: Communication	PLO 6: Leadership	PLO 7: Professional Ethics	PLO 8: Lifelong Learning
PP & PPP	Understand the methods and techniques for project planning and management.	✓							
	Apply the techniques of project management to development projects.			✓					

Understand professional codes of conduct for planners.	✓							
Apply theoretical knowledge of planning and ethics to progressive planning practice.			✓					
Communicate ideas using diverse formats and strategies to academic and professional audiences within and external to the discipline of urban and regional planning.					✓			

Proposed Teaching Methodology

- Lectures
- Videos
- Assignments
- Field Visits
- Case studies

Proposed Assessment (theory, 100%)

Mid Term (40%)
- Written long/short questions, quizzes etc.

Final Term (60%)
- Written long/short questions, quizzes etc.

Proposed Assessment (practical, 100%)

- Presentations, assignments, report writing, viva voce, field visits etc.

Recommended Text Book

1. Project Management Institute (2013), A Guide to the Project Management Body of Knowledge, PMI, PMBOK Guide.

2. Chandramouli Subramanian (2015), PMP Certification Excel with Ease based on PMBPOK 5th Edition

3. Nicholas M. John, Steyn Herman (2008), Project Management for Business, Engineering and Technology: Principles and Practice, Elsevier.

4. Orr Alan, (2004), Advanced Project Management: A complete guide to the key processes models and techniques, Kogan Page.

5. Journal of professional practice, Volumes 89-93, American Society of Civil Engineers, Department of Conditions of practice, US.

6. Hedley Smyth (2011), Managing the Professional Practice in the Built Environment, John Wiley Ltd. Sons, Wiley-Blackwell, US.

7. Stephen Pattison, Roisin Pill (2004), Values In Professional Practice: Lessons For Health, Social Care, And Other Professionals, UK, Radcliffe Publishing Ltd.

COURSE CALENDAR

Week	Theory	CLO	Reading
1	**Introduction to course** Policy, Plans, Program and Projects in Urban and Regional Development	1	**Class Notes**
2	**Introduction to Project Management** Importance of PM, 10 knowledge areas, Project Initiation Context, Project versus Operation	1	//
3	**Project vs Product** Project life cycle, Product life cycle, Typical project life cycle characteristics, Project Management process groups EEF, Standard, Regulation, Work Performance Data, Project Documents, OPA, Tailoring	1	
4	**Project Scope Management** Scope Management Plan, Requirements, Project development approach, Statement or Work	2	//
5	**Project Scope Management** Decomposition and Work Breakdown Structure, Deliverables, Variance and Trend Analysis, Change Request	2	//
6	**Project Schedule Management** Schedule Management Plan, Activity List. Sequencing, Gantt Chart	2	//
7	**Project Schedule Management** Duration Estimation, Schedule Plan, Lead and Lag, Schedule Compression	2	//
8	**Mid Term Exam**		
9	**Concepts and Need of Professional Ethics** Norms of Good Governance Including Accountability, Transparency, Rule of Law, Confidentiality Etc. Justification and Aims of Planning	3	//
10	**Role and Responsibilities of Professional Bodies** in PCATP Code of Conduct, PCATP Ordinance	3	//
11	**Organizational structures** Organizational Hierarchy, Operational Structure, Organogram, Reporting and Communication process, Ledgers, Rosters etc. Visits to Public and private sector organization to understand how planning firms works, their scope of work, organizational hierarchy/ structure.	3	//
12	**Planning Contract Documents** Agreements, Fee Structures for various services	4	//
13	**Planning Contract Documents** Tenders, Pre-qualification Documents, Request for Qualification, Request for Proposals	4	

14	**Procurement procedure** Procurement of Goods and Human Resources, hiring of consultancy services/consultants under PPRA Rules 2014	4	
15	**Stakeholder Feedback** Interaction between Planners and Stakeholders in the City and Region Such as Politicians, Bureaucrats/ Administrators, Media, Judiciary, Academia, NGOs and Civil Society	5	
18	**Final Term Exam**		