



# SULTAN QABOOS UNIVERSITY

## COURSE OUTLINE

**PROGRAM: Bachelor of Science in Plant Sciences**

<b>1. Course Code</b>	PLNT4515	
<b>2. Course Title</b>	Landscape Design and Management	
<b>3. Credits</b>	3 Cr Hrs , 12 Cr Points, 6 ECTS	
<b>4. Pre-requisite Course(s)</b>	PLNT3211; BIOL2101, CHEM2101, CAMS3000, CAMS3001, CAMS2003, CAMS2000	
<b>5. Co-requisite Course(s)</b>	None	
<b>6. Equivalent Course(s)</b>	CROP4515, CROP4514	
<b>7. Incompatible Course(s)</b>		
<b>8. Course Category</b>	<input type="checkbox"/> University Requirement	<input type="checkbox"/> University Elective
	<input type="checkbox"/> College Requirement	<input type="checkbox"/> College Elective
	<input checked="" type="checkbox"/> Department Requirement	<input type="checkbox"/> Department Elective
	<input type="checkbox"/> Specialization Requirement	<input type="checkbox"/> Specialization Elective
	<input type="checkbox"/> Other (specify):	
<b>9. Course Owner</b>	College: CAMS	Department: Plant Sciences
<b>10. Course Type</b>	<input type="checkbox"/> Lecture	<input type="checkbox"/> Lecture/Lab
	<input type="checkbox"/> Lecture/Seminar	<input checked="" type="checkbox"/> Lecture/Studio
	<input type="checkbox"/> Lecture/Tutorial	<input type="checkbox"/> Lecture/Lab/Tutorial or Seminar
	<input type="checkbox"/> Tutorial	<input type="checkbox"/> Laboratory (Practical)
	<input type="checkbox"/> Field or Work Placement	<input type="checkbox"/> Studio
	<input type="checkbox"/> Seminar	<input type="checkbox"/> Internship
	<input type="checkbox"/> Workshop	<input type="checkbox"/> Project
<b>11. Language of Instruction</b>	English	
<b>12. Course Description</b>		
<p>Graphics are the language of design and planning in Landscape Architecture and Environmental Planning. The ability to develop your design ideas and to communicate them to others is essential for success in any design profession.</p> <p>This class will serve as an introduction to the manual graphic techniques of landscape design, focusing on drafting and freehand sketching skills with an emphasis on the development of hand graphics for landscape architecture. Students will learn how to use tools most commonly employed for hand drafting, how to create symbols and textures, and rendering techniques, while learning and working through the design process. The graphic communications of concept plan, plan, section/elevation, and perspective will be explored. A series of studio projects and exercises, will be used as a tool to teach students basic landscape design graphic presentation techniques manually.</p> <p>Final project will be completed during the final class session. Students must be present at the final class session to present their final project to pass the course.</p>		
<b>13. Teaching/Learning Strategies</b>		
Lectures Studio Applied Projects Homeworks		
<b>14. Assessment Components and Weight [%]</b>		
<input type="checkbox"/> Quizzes	<input type="checkbox"/> Practical	<input type="checkbox"/> Other (specify):
<input checked="" type="checkbox"/> Homework assignments 10	<input checked="" type="checkbox"/> Project 70	
<input type="checkbox"/> In-term examination(s)	<input checked="" type="checkbox"/> Final examination 20	
<b>15. Grading Method</b>		

<input checked="" type="checkbox"/> A-F Scale	<input type="checkbox"/> Pass/Not passed
<b>16. Textbook(s) and Supplemental Material</b>	
Reid, G.W. 2002. Landscape graphics - plan, section and perspective drawing of landscape spaces. ISBN 0-8230-7333-5	

<b>17. Matching Course Objectives with Program Outcomes and SQU Graduate Attributes</b>		
<b>SQU Graduate Attributes</b>		
<b>A. SQU graduates should be able to:</b> 1. apply the knowledge and skills relevant to the specialization 2. communicate effectively and use information and communication technologies 3. critically analyze complex information and present it in simple clear manner	<b>B. SQU graduates possess</b> 1. interpersonal communication skills and alignment with culture of international labour market to assist them in practical life and in living successfully 2. skills and motivation for independent learning and engagement in lifelong learning and research 3. work ethics and positive values, and intellectual independence and autonomy 4. teamwork skills and display potential leadership qualities	<b>C. SQU graduates should</b> relish good citizenship qualities, be conscious of their national identity and be socially responsible, engage in community affairs and be mindful of contemporary issues.

#	Intended Student Learning Outcome /Course Learning Objective	Relevant Program Outcome(s)	Applicable Attribute(s)
1.	Understand traditional drafting conventions and representation of graphic communication as a part of the design process.	A.1.1 Graduates will have knowledge and skills in crop sciences A.2.1 Graduates will have ability to effectively communicate orally and in writing	A1, A2
2.	Apply graphic communication skills as a tool of persuasion through composition, and various drawing techniques.	A.1.5 Graduates will be able to identify and analyze problems related to crop production systems, and formulate realistic solutions A.2.1 Graduates will have ability to effectively communicate orally and in writing B.3 Graduates will understand and follow professional and social norms and ethics.	A1, A2, B3
3.	Building skills in displaying semi-professional quality lettering and drafting.	A.2.1 Graduates will have ability to effectively communicate orally and in writing B.4 Graduates will have the ability to build teams and work in team for target oriented tasks.	A1, A2, B4
4.	Learn about line hierarchy and line quality.	A.1.1 Graduates will have knowledge and skills in crop sciences	A1
5.	Learn and Develop scaled drawings in pencil, ink and color.	A.1.1 Graduates will have knowledge and skills in crop sciences B.2 Graduates will be motivated to engage in independent life-long learning	A1, B2
6.	Develop semi-professional quality work demonstrating sheet layout, title blocks.	B.1 Graduates will be able to compete with high standards of academic integrity and professionalism on the national and international scenes B.2 Graduates will be motivated to engage in independent life-long learning B.4 Graduates will have the ability to build teams and work in team for target oriented tasks.	B1, B2, B4
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#### **16. Student Responsibilities**

It is the student's responsibility to know and comply with all University Academic Regulations relevant to participation in this course. These regulations specifically include attendance requirement and students' academic code of conduct.

For attendance, it is the student's responsibility to be punctual and to attend all classes.

Students are expected to perform their work with honesty and avoid any academic misconduct, which is defined as the use of any dishonest or deceitful means to gain some academic advantage or benefit. This can take many forms, including but not limited to, the following: copying, plagiarism, collusion and forging documents. For full details, please refer to the Undergraduate Academic Regulations and to the Student Academic Misconduct Policy.

Additionally, this course requires that you:

Class participation is based on each student's contribution to class throughout the semester.

\*Students are responsible for any announcements made in class, even in case of absence.

\*Lab assignments are due every week before next lab session, any late work will not be accepted.

\*Attendance is mandatory skipping 3 classes will result in dropping the student from the class.

\*Plagiarism & copying are strictly prohibited. For full details please refer to the Undergraduate Academic Regulations and to the Student Academic Misconduct Policy.

COURSE INFORMATION			
Course Code	PLNT4515	Course Title	Landscape Design and Management
Semester/ Year	Fall	Section(s)	10, 11
Day, Time, and Place	As Assigned, Lab: Multimedia		
Course Coordinator	Amna AlRuheili		
Office Location	AGR 214	Office Hours	
Office Tel. Ext.	1213	Email	alruheli@squ.edu.om

Tentative Schedule			
Week	Lecture #	Topic/Material to be covered	Assessment
1	1	Syllabus Overview What is Landscape Architecture?	
2	2	Graphic Language and Basic Drafting	Homework1
3	3	Drawing trees, and vegetation's group, Drawing Human figure, furniture, elements of small architecture, Ground Plane Lettering	Homework2
4	4	Design Process, -Bubble Diagrams, Conceptual Diagrams, Conceptual Maps -Scale	Homework3
5	5	Plan Drawing, Master Plan Tree Rendering	Homework4
6	6	ProjectI PinUp	15%
7	7	Section-elevations, Graphic Symbol file for Sections and Perspectives	Homework5
8	8	Planting Design	Homework6
9	9	Irrigation in Landscape Design	
10	10	ProjectII PinUp	20%
11	11	Perspective Drawing I	Homework7
12	12	Perspective Drawing II	Homework8
13	13	Working on Preoject III	
14	14	Working on Preoject III	
15	15	Final ProjectIII PinUp	35%
16			
17			

## APPENDIX A: INSTRUCTORS OF MULTIPLE SECTIONS

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<b>APPENDIX B: ADDITIONAL INFORMATION</b>