Graduate Council Report

November 3, 2011

Course Change Requests:

LAND 601. Landscape Architectural Design Theory.

Title:

From: Landscape Architectural Design Theory

To: Landscape Architectural Design Theory and Application I.

Description:

From: Principles and application of landscape architectural design theory, relationships of two and three dimensional space as they relate to the natural and built environment, and illustrative communication.

To: First design studio course for career-change students; basic theories, principles, applications of landscape architectural design; design process; context-sensitive design; evidence based design; form-making skills; form-function-meaning relationships; spatial scale and dimensions; elements of natural and built environments; behavioral, psychosocial, policy and ecological factors in design; communication of design ideas.

LAND 602. Landscape Architectural Design Application.

Title:

From: Landscape Architectural Design Application.

To: Landscape Architectural Design Theory and Application II.

Description:

From: Application of design concepts to site planning and site specific contemporary issues including natural systems, social, political, technological and economic influences on design.

To: Application of ecological concepts to site planning and site design, form and space making using natural features, and practical issues including social and political, technological and economic influences on ecological design.


Title:

From: Principles and Techniques of Land Development.

To: Principle, Procedures and Techniques of Land Use.

Description:

From: A continuation of LAND 601-602 design sequence for career change students; organized to develop an understanding of the various systems that must be integrated through land design; applies this understanding through planning and design of a project, including project programming, site selection, master planning, site design and working drawings.

To: A continuation of LAND 601-602 sequence for career-change students; resolution of land problems that typically occur on a site; exploration of land use planning concepts and landscape ecology techniques; application of knowledge and skills acquired during the first year to a complex land development studio project.
Graduate Council Report

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LAND 612. Landscape Architectural Site Development.

Title:

From: Landscape Architectural Site Development.

To: Landscape Architectural Site Engineering and Development.

Description:

From: Concepts, theories and techniques of site development; creative land form modification, landscape construction materials and structures, drainage principles, site circulation and utilization of materials.

To: First construction studio course; concepts, theories and techniques of site development; aspects of site engineering and consideration of earth bound elements in land development; contours, landform, grading design, drainage principles, cut and fill computations, basic hydraulics and hydrology, stormwater management, landscape construction materials.

LAND 614. Landscape Architectural Construction.

Description:

From: An introduction to the basic elements of landscape architectural construction; course stresses applications of the basic principles of statics and mechanics of simple structures in the use of wood, concrete and masonry plus the design of irrigation and lighting systems.

To: Second construction studio course; sustainable water management techniques in landscape development; theory, principles and techniques of low impact development; basic elements of landscape architectural construction; construction document preparation, working drawings, project layout and design; theory and principles of irrigation and lighting design. Field trips required.

LAND 620. Open Space Development I.

Title:

From: Open Space Development I.

To: Open Space and Land Use Planning I.

Description:

From: Solution of complex open space problems. Subjects may be as diversified as large scale land-planning study or the development of a large residential site.

To: This course involves the student in the creation of land use planning strategies for large land parcels. Site inventory, analysis program formulation and design detailing are sequenced into the production of a comprehensive master plan. Issues of sustainability, environmental protection, growth management and resource utilization are considered.

Prerequisite:

From: Graduate classification in landscape architecture or approval of instructor.

To: LAND 601-603 or approval by instructor.
Graduate Council Report

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LAND 621. Open Space Development II.

Title:

From: Open Space Development II.

To: Open Space and Land Use Planning II.

Description:

From: Continuation of LAND 620; production of plans and reports.

To: Projects with various scales, site selection, program formulation, theory, master planning and detailed design applied to topics of community design and development and healthy communities; evidence based design methodology, techniques of professional design documentation and presentation.

Prerequisite:

From: LAND 620.

To: LAND 620 or approval by instructor.

LAND 646. Professional Practice.

Description:

From: Introduction to the procedures, project management and ethical framework in which professional landscape architectural practice occurs; topics include proposal preparation, fee structures, forms of practice, project management and contract documents.

To: Introduction to the procedures, management and ethical frameworks in which professional landscape architectural practice occurs; topics include forms of practice, employment issues, proposal preparation, fee and contract structures, project management, roles of the landscape architect, presentations and public participation, legal and ethical responsibilities.

LAND 684. Professional Internship.

Description:

From: Professional practice under approved arrangement with public or private agencies. Off-campus internships are limited to a maximum of 8 credit hours per semester.

To: LAND 684 is sequenced for graduation; must be completed prior to the final year of advanced study in the summer, student is required to take a work position in an approved office for a minimum of ten weeks at forty hours/week.
Graduate Council Report
November 3, 2011

LAND 685. Directed Study.

Description:

From: Individual problems involving application of theory and practice in planning and design of the environment.

To: Advanced study in an individual landscape architecture course with a selected faculty member; focus on a topic mutually derived by the student and faculty member; requires the production of a professional response solution.

Prerequisite:

From: None.

To: Approval of faculty.

LAND 693. Professional Study.

Description:

From: Approved professional study project undertaken as the terminal requirement for the master of landscape architecture degree. Preparation of a record of study summarizing rationale, procedure and results of the completed activity.

To: Terminal studio to be taken by the qualified master of landscape architecture candidate; requires preparation of a proposal describing the topic, an outlined method, procedures and timeline to be submitted to committee; approved and completed study requires a defense and separate public presentation.

Prerequisite:

From: Approval of committee chair.

To: Approval of LAND Faculty.

MKTG 613. Marketing Management.

Description:

From: Core MBA marketing class examines history of marketing, environment that impacts marketing decisions of firms and consumers, buyer behavior, marketing ethics, marketing research, market segmentation, product positioning, and strategic challenges associated with integrating major marketing mix decision elements: product, price, distribution, and promotion.

To: Core MBA marketing class examines history of marketing, environment that impacts marketing decisions of firms and consumers, buyer behavior, marketing ethics, marketing research, market segmentation, product positioning, new product management, and strategic challenges associated with integrating major marketing mix decision elements; product, price, distribution, and promotion.
Graduate Council Report

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MKTG 621. Survey of Marketing.

Description:

From: Marketing concepts and functions from the point of view of the organization and economy.

To: Marketing concepts and decisions associated with developing marketing strategies. Topics include product, pricing, distribution, and promotion.

MKTG 650. Analyzing Consumer Behavior.

Description:

From: Theoretical and empirical material on consumer behavior, personality, social class and perception by consumers. Classification 6 students may not enroll in this course.

To: Concepts, theories, and techniques applicable to obtaining a sophisticated and empirically-based understanding of consumer motivation, attitudes, decision-making processes, and responses to marketers' actions. Applying consumer psychology and behavioral decision making for managerial and public policy insights.

MKTG 656. Marketing Communications Management.

Title:

From: Marketing Communications Management.

To: Branding and Marketing Communication.

Description:

From: Communication processes, diffusion of innovation, customer response processes, and promotion tools including advertising, packaging, personal selling and sales management, sales promotion and public relations.

To: Customer-based brand equity and positioning, brand objectives, communication processes, customer decision stages, creative and media strategies including traditional, grassroot, and social media, measuring effectiveness and return on marketing investment.

MKTG 671. Product Innovation.

Description:

From: Understanding of consumer needs and translating them into new products and services whose design and presentation convey satisfaction of these needs.

To: Strategy and management of the new product development process, portfolio management and innovation charters for new products. Other topics include creativity, trade-off analysis, concept testing, design and launch.
Graduate Council Report

November 3, 2011

MKTG 675. Marketing Strategy.

Description:

From: Marketing management as it relates to overall organization goals; marketing concepts and functions integrated with other organizational functions, tactics and strategies.

To: Marketing management as it relates to overall organizational goals: marketing strategy concepts and interdependencies with strategy at the corporate and business unit levels and in other functional areas; impact of digital technologies and environmental sustainability on marketing strategy.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions

1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning

2. Course prefix, number and complete title of course: LAND 601 - Landscape Architectural Design Theory

3. Change requested
   a. Prerequisite(s): From: To:
   b. Withdrawal (reason):
   c. Cross-list with:

4. For Informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description: LAND 601. Landscape Architectural Design Theory. Principles and application of landscape architectural design theory, relationships of two- and three-dimensional space as they relate to the natural and built environment, and illustrative communication. Prerequisites: Graduate classification and approval of instructor.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 601, Landscape Architectural Design Theory and Application I. First design studio course for career-change students; basic theories, principles, applications of landscape architectural design; design process; context-sensitive design; evidence-based design; form-making skills; form-function-meaning relationships; spatial scale and dimensions; elements of natural and built environments, behavioral, psychosocial, policy and ecological factors in design; communication of design ideas. Prerequisites: Graduate classification and approval of instructor.

7. a. As currently in course inventory:

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b. Change to:

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Approval recommended by: [Signature]

Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee

Department Head or Program Chair (Type Name & Sign) Date
(if cross-listed course)
Dean of College Date

Submitted to Coordinating Board by: [Signature]
Mark J. Zoran Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 945-8201 or sandrawilliams@tamu.edu.

Curricular Services – 02/11
LAND601: LANDSCAPE ARCHITECTURAL DESIGN THEORY AND APPLICATION I
5 Credit Hours, Fall Semester 2011
Department of Landscape Architecture and Urban Planning
College of Architecture, Texas A&M University

Course Syllabus

<table>
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<th>Class Time</th>
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<th>MWF 2:50–5:20pm</th>
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<tr>
<td>Classroom</td>
<td>ARCA403</td>
<td>ARCA300B (studio)</td>
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<tr>
<td>Instructor</td>
<td>Chanam Lee</td>
<td>Williams Administration Building W014D</td>
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<tr>
<td>Office</td>
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<td>Office Hours: MWF 1:00–1:50pm and by appointment</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:chanam@tamu.edu">chanam@tamu.edu</a></td>
<td>Telephone: 845-7056</td>
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INTRODUCTION AND BACKGROUND

This is the first design studio in the Master of Landscape Architecture curriculum’s design studio sequence. This course introduces students to the diverse theories, principles, and tools of landscape architectural design. Through series of reading assignments and small design exercises, students will gain the knowledge and skills to think both creatively and logically, in transforming abstract ideas to concrete forms that respond to the larger context. Students are expected to think sensitively and responsibly about the various forces of the environment, including psychological, social, political, ecological factors. Acquisition of spatial thinking skills, including the understanding of spatial scales and dimensions, is a key learning objective in this class. Equally important is the development of visual, oral and written communication skills to effectively communicate design ideas.

Students are expected to carefully observe and critically think about people’s interactions with the environment. Students will begin to learn the power of designed environment in shaping people’s behavior, perception, health, and well-being, influencing every aspect of daily life. Throughout the course, students are expected to further their understanding of the landscape architecture profession, through readings, case studies, discussions of contemporary urban issues, field trips, etc.

Prerequisites: Graduate classification and approval of instructor.

COURSE OBJECTIVES

The objectives of this class include:

- Understand the process of landscape architecture design; understand how to record, synthesize, evaluate spatial and non-spatial information, and how to use this information in design process; understand how design process can be cyclical, iterative, and/or recursive.

- Know basic design theories, principles and elements; be able to intellectually describe and use their terms and languages; Effectively use them in form-making exercises
• Develop form-making skills and communication skills, using diverse media and formats
• Understand how to draw and learn from the existing knowledge (research, projects, raw data, etc.) and to translate the knowledge into design solutions
• Learn how to respond to the larger spatial context and social values
• Understand the scales and dimensions of the environment
• Learn how to produce high quality visual, oral, and written presentations

TEACHING METHODS AND EXPECTATIONS

This class emphasizes the importance of participatory, interactive and hands-on learning experiences. This is facilitated through a series of projects, peer critiques, class discussions, etc. Students are encouraged to draw from their personal history, interests, values, and experiences to develop their own original design approaches. Students are expected to engage in an active exchange of design critiques, much of which occurs outside of class.

This class will involve lectures, desk critiques, pin-up reviews, in-class charettes, peer critiques, class discussions, presentations, quizzes, and juried reviews. It focuses on learning how to learn, and learning by doing. However, gaining substantive knowledge in key design topics is also needed to develop the intellectual foundation for their designs. Specific requirements are as follows.

• Attendance: Attend all classes. Absence due to university-excused reasons may be excused when a written proof is provided
• On-time Submissions: Submit all assignments on or before the specified due date and time. All assignments are to be completed independently.
• Preparedness: Come prepared for each class for the instructor’s desk critique, pin-up review, presentations, and other activities.
• Participation: Participate actively in all class activities. Engage in discussions and critiques with other students outside the class.
• Communication: Communicate with the instructor in an effective and timely manner, and inform the instructor of any concerns and suggestions you have for the class.

Students in this class are expected to spend an average of 10-12 hours per week outside the class, in order to complete the required assignments.

EVALUATION AND ATTENDANCE POLICY

The following criteria will be used for evaluation (tentative):
• Projects: 75% (each project weighted by the number of classes spent)
• Class Journal*: 5%
• Quizzes/Exercises: 8%
• Digital Portfolio: 5%
• Instruction Evaluation: 7% (Participation, attitude, attendance, etc.)

* Use a sketchbook for your Class Journal. It is like your personal journal for this class. Use both written and visual notes. Utilize this to practice and develop your own visual/graphic language to communicate and express your ideas, including diagrams, flow-charts, sketches, symbols, annotations, etc. Use your organization skills to organize
the journal, as it will contain a variety of items, such as newspaper article review, reading note, class lecture note, etc. Importantly, it should also document your design and spatial thinking process for each assigned project.

**Final grade will be based on the sum of above items, where**

**A. The work is excellent (90 – 100%).** It represents the highest level of academic performance, mastery of the subject material, accuracy in execution, communication and completeness for the level of complexity undertaken at the level of preparation the student has achieved.

**B. The work is good (80 – 89%).** It represents good work, or above average standard of academic performance regarding technical accuracy, communication and completeness for the level of complexity undertaken at the level of preparation the student possesses.

**C. The work is average (70 – 79%).** It represents average performance for the level of complexity it addresses at the student’s level of advancement in the program, consistent with performance rated as an unqualified passing grade.

**D. The work is below average (60 – 69%).** It represents below average performance relative to the level required or expected for advancement in the program. It is representative of performance consistent with a qualified passing grade but demonstrates a lack of basic understanding and mastery.

**F. The work is below the minimum passing standard (below 60%).** It is a level of performance demonstrating no mastery of the subject and below that required for a passing grade.

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07).

**SUBMISSION REQUIREMENTS**

For e-submissions (digital file submissions), students should upload the file(s) to the eLearning website ([http://elearning.tamu.edu](http://elearning.tamu.edu)) by noon on the due date, unless specified otherwise. All files should be named as “LAND421_assignment name_your last name.doc.”

All hard-copy submissions are due on the time specified in the assignment/project handout. Late submissions will NOT be accepted. The only exception to this will be a University Excused Absence. Please refer to the current Texas A&M University Student Rules for a list of Excused Absences.

All student projects are property of the Department of Landscape Architecture and Urban Planning according to the Texas A&M University policy. Although most projects will be returned to students after they are graded, some student projects will be kept by the department for the purpose of accreditation review and as teaching references for future classes. If you would like a copy, please make one prior to submitting your assignment.
TEXTBOOKS AND READING ASSIGNMENTS

Required:

Recommended:
- Reid GW 1993. From Concept to Form in Landscape Design, New York: John Wiley and Sons, Inc.

Reading assignments are shown in the SCHEDULE below. It is the students' responsibility to allocate sufficient time for finishing the required reading assignments before each class.

SUPPLIES AND EQUIPMENT

Basic drafting and art supplies: pens, pencils, color-pencils, markers, tracing papers and vellum, rulers, scales, templates, tapes, sketchbook, digital camera (optional), etc. – mostly the same supplies that are required for the LAND 655 Communications class.

ACADEMIC HONESTY

The Aggie Honor Code states, "An Aggie does not lie, cheat, or steal or tolerate those who do." In our attempt to live up to the ideal that education advances honesty, integrity, and individual responsibility, it is anticipated that students will adhere to the tenets of the code in all respects as an integral part of their education – that is, we are here to teach ourselves how to become honorable, contributing citizens. Adherence to the code is expected as a condition of enrollment in this class. Students are referred to the Honor Council Rules and Procedures found at the website: http://www.tamu.edu/aggiehonor

AMERICANS WITH DISABILITY ACT STATEMENT

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.
**TENTATIVE SCHEDULE** *(Updated schedule will be available from eLearning; check frequently)* - **LAND601 Fall 2011**

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* Important due dates for submissions that are graded
* Due dates for submissions that are considered as part of participation grade
* Reading assignments due before the assigned class; additional readings may be assigned
MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J Zoran, Chair
    Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
         College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
      Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course
description and title of LAND 601: Landscape Architectural Design Theory to better reflect the course
content being covered in the course.

Please let me know if you have any questions or concerns about this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
* Submit original form and attachments *

Form Instructions
1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning
2. Course prefix, number and complete title of course: LAND 602 - Landscape Architectural Design Application
3. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:
5. Complete current course title and current catalog course description: LAND 602. Landscape Architectural Design Application. Application of design concepts to site planning and site specific contemporary issues including natural systems, social, political, technological and economic influences on design. Prerequisite: LAND 601.
6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 602. Landscape Architectural Design Theory and Application II. Application of ecological concepts to site planning and site design, form and space making using natural features, and practical issues including social and political, technological and economic influences on ecological design. Prerequisite: LAND 601.
7. a. As currently in course inventory:
   Prefix | Course # | Title (excluding punctuation) | Lect. | Lab | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level
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   b. Change to:
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   Approval recommended by: [Signature]
   Department Head or Program Chair (Type Name & Sign) Date
   Chair, College Review Committee Date
   Department Head or Program Chair (Type Name & Sign) Date
   Dean of College Date
   If cross-listed course
   Department Head or Program Chair (Type Name & Sign) Date
   Chair, UC or UCC Date
   Submitted to Coordinating Board by:
   Associate Director, Curricular Services Date
   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
   Effective Date 16 of 95 C
Texas A&M University
College of Architecture
Department of Landscape Architecture and Urban Planning

Land602
Landscape Architectural Design Theory and Application II
Spring 2011 (5 Credit Hr)
Class Time: Monday, Wednesday, Friday 1:50-4:50pm
Classroom: Langford A302, A348
Instructor: Dr. Zhifang Wang
Office: Langford A332
Office Hours: MW 11:10-12:10 or by appt.
Telephone: 979.458.4121
Email: zhifangw@neo.tamu.edu

Introduction
LAND 602 emphasizes the application of various ecological concepts and theories to site-specific problems and site planning issues, including landscape ecology, conservation ecology, urban ecology, human ecology, etc. It seeks to build on develop skills in basic design to refine understanding of the relationship of ecological, visual, and functional landscape elements and approaches to integrate them together in the design process. Further it provides ample opportunity to represent ecological phenomena in design and create sustainable landscapes that influence the experience of the landscape as habitat for people and for other species. This course will emphasize the balance of natural and cultural systems and the contextual information to create harmonious design with natural and built environment. Land 602 also explores scientific research methods such as literature review, site observation and experiences to utilize existing knowledge and information, understand on-site ecological problems, and have a better sense of users' needs and preference for the site to come up with effective design solutions.

Building on knowledge gained in LAND601, this course is designed to provide equivalency education and training for graduate level career change students who wish to pursue advance study in landscape architecture. The mastering of design through the artful composition of forms and space, the genuine understanding of ecological issues, and the practical knowledge of natural and cultural systems in landscape requires time, patience and continuous concentration. This course serves to extend the design foundation needed to acquire these necessary accomplishments and ultimate success in professional practice.

Course Description
Application of ecological concepts to site planning and site design, form and space making using natural features, and practical issues including social and political, technological and economic influences on ecological design.

Prerequisite: LAND 601
COURSE OBJECTIVES
Upon completion of this course, each student with passing grade will be able to:

- Display an understanding of process leading to creative and interactive design solution to environmental problems
- Demonstrate an ability to gather, organize, and apply scientific and ordinary knowledge to the development of creative work in varied environmentally sensitive areas
- Demonstrate an ability to create interesting and attractive design schemes appropriate to the ecological and cultural context
- Demonstrate a sense of professional responsibility and ethic to environmental sustainability
- Demonstrate an ability to create designs that are responsive to both healthy environment and user needs
- Demonstrate an ability to communicate design principles, concepts, and solutions of professional quality, orally verbally, and graphically and through three-dimensional model making
- Display an ability to generate a meaningful and integrated design form while increasing the breadth of forces to which the forms responds

TEACHING METHOD
LAND602 will consist of precedent studies, literature review, site visits, studio projects and presentations.

- Precedent studies-The purpose of seeking precedent studies is to find an inspirational project for the design project. It is important to analyze existing knowledge to create new knowledge.
- Literature review-The goal of reviewing literature is to digest the critical points of ecological knowledge or a particular topic essential for ecological design.
- Site visits-Learning by observing is another important approach to be used in this course. Problem with an actual site that can be visited are important to help in visualizing both existing ecological/cultural conditions and potential design relationships.
- Studio projects- The course content will be taught primarily through studio projects. Studio projects will be both hypothetical sites and actual projects.
- Presentation- Ability to express your design verbally is an important skill in landscape profession. It is strongly encouraged to practice your presentation skills in this course.

REQUIREMENTS
The pace of LAND602 will be fast. It is imperative that you invest the time and energy to meet to demands of this graduate design course.
• Attendance is expected. Any anticipated absence must be brought to the attention of the instructor in advance unless an emergency arises.
• Be adequately prepared for group discussions and instructors’ desk critics each class period. Also students are strongly encouraged to discuss and criticize each other’s solutions inside and outside the class/studio.
• Complete all class assignments on schedule. Work considered for credit must be complete and submitted on the assigned due date and time.
• Act as a professional Landscape Architect in training with an appropriate spirit of learning and working ethics.
• Actively communicate with and inform instructor of any concerns and suggestions for class improvement in a timely fashion.

**EVALUATION**

| Research | 20% |
| Studio projects (3) | 70% (Project 1 20%, project 2 20%, Project 3 30%) |

**Instructor Evaluation**

| (Participation, completeness, attendance, etc.) | 10% |

**Total**

| 100% |

**REQUIRED TEXTBOOKS**


Grant W.Reid. 2007. From Concept to Form in Landscape Design, John Wiley & Sons Inc.

*Additional readings will be announced/circulated with the project(s)*

**FINAL GRADE = A+B +C-Number of Absences**

Final grades for the course will be assigned as letter grades. Letter grades indicate:

**A** The work is excellent. (90 – 100) It represents the highest level of academic performance, mastery of the subject material, accuracy in execution, communication and completeness for the level of complexity undertaken at the level of preparation the student has achieved.

**B** The work is good. (80 – 89) It represents good work, or above average standard of academic performance regarding technical accuracy, communication and completeness for the level of complexity undertaken at the level of preparation the student possesses.

**C** The work is average (70 – 79) It represents average performance for the level of complexity it addresses at the student’s level of advancement in the program, consistent with performance rated as an unqualified passing grade.

**D** The work is below average (60 -69) It represents below average performance relative to the level required or expected for advancement in the program. It is representative of
performance consistent with a qualified passing grade but demonstrates a lack of basic understanding and mastery.

F The work is below the minimum passing standard (below 60) It is a level of performance demonstrating no mastery of the subject and below that required for a passing grade.

Note: Work to be considered for grade in this course must be turned in on the assigned due date and time. Late submission of work will result in a reduction of 15% of a full grade for each day late except for university excused absences. Incomplete work shall not be accepted.

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at http://student-rules.tamu.edu/rule07.

ACADEMIC HONESTY
The Aggie Honor Code states, “An Aggie does not lie, cheat, or steal or tolerate those who do.” In our attempt to live up to the ideal that education advances honesty, integrity, and individual responsibility, it is anticipated that students will adhere to the tenets of the code in all respects as an integral part of their education – that is, we are here to teach ourselves how to become honorable, contributing citizens. Adherence to the code is expected as a condition of enrollment in this class. Students are referred to the Honor Council Rules and Procedures found at the website: http://www.tamu.edu/aggiehonor.

AMERICANS WITH DISABILITY ACT STATEMENT
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.
TENTATIVE CLASS SCHEDULE

Week 1
- Wednesday (Jan. 19): course introduction, assign research 1
- Friday (Jan. 21): Assign project1, research 2, GIS data exploration

Week 2
- Monday (Jan. 24): Crits (first hour), site visit, site selection, work day
- Wednesday (Jan. 26): programming, lecture: ecological concepts in habitat design. Decide on your theme
- Friday (Jan. 28): Research 1 due, concept development

Week 3
- Monday (Jan. 31): research 2 due, Project1 concept due, design development
- Wednesday (Feb. 2): lecture; planting design. design development
- Friday (Feb. 4): no class, work day

Week 4 Project1, work days
Week 5 Project1, work days

Week 6
- Monday (Feb. 21): Project1, wrap up
- Wednesday (Feb. 23): Project1, presentation
- Friday (Feb. 25): Project 2, task assignment, team selection, site visit

Week 7 Project 2, work days

Week 8
- Monday (Mar. 7): Project 2, work day
- Wednesday (Mar. 9): Project 2, wrap up
- Friday (Mar. 11): Project 2, presentation

Week 9 Spring break

Week 10 Project 3 (group project)

Week 11 Continues Project 3

Week 12 Continued Project 3

Week 13 Final Presentations

Week 14 Final Presentations
MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
    Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
         College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
      Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description and title of LAND 602: Landscape Architectural Design Application to better reflect the course content being covered in the course.

Please let me know if you have any questions or concerns about this request.
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions

1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning
2. Course prefix, number and complete title of course: LAND 603 - Principles and Techniques of Land Development

3. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description: LAND 603. Principles and Techniques of Land Development. A continuation of the LAND 601-602 design sequence for career change students; organized to develop an understanding of the various systems that must be integrated through land design; applies this understanding through planning and design of a project, including project programming, site selection, master planning, site design and working drawings. Prerequisites: LAND 602 and approval of instructor.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 603. Principle, Procedures and Techniques of Land Use. A continuation of the LAND 601-602 sequence for career-change students; resolution of land problems that typically occur on a site; exploration of land use planning concepts and landscape ecology techniques; application of knowledge and skills acquired during the first year to a complex land development studio project. Prerequisites: LAND 602 and approval of instructor.

7. a. As currently in course inventory:

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   Approval recommended by: [Signature]

   Department Head or Program Chair (Type Name & Sign) Date

   Chair, College Review Committee Date

   Department Head or Program Chair (Type Name & Sign) Date

   Dean of College Date

   (if cross-listed course)

   Submitted to Coordinating Board by: [Signature]

   Chair, GCC or UCC Date

   Mark J. Zoran Effective Date

   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.

Curricular Services – 02/11
COURSE: LAND 603 – PRINCIPLES, PROCEDURES AND TECHNIQUES OF LAND USE

TERM: SUMMER II, 2011

INSTRUCTOR: Assistant Professor, Bruce Dvorak, ASLA, RLA
Office: A305    tel: 458-0628
bdvorak@tamu.edu

CLASS HOURS: MON - FRI 12:00 – 1:15, ARCA, RM 323
MON - FRI 1:15 – 6:15, ARCA, RM 300A

OFFICE HOURS: MON & WED 11:00 – 12:00 PM or by appointment

PREREQUISITES: LAND 602 and approval of instructor.

INTRODUCTION:
This design studio is the final studio in the leveling year of the MLA career-change curriculum. As such, it is designed to bring together all the skills you have acquired over this year and demonstrate your command of these skills through a semester long studio. You are expected to bring to this class an understanding of expectations required of an emerging landscape architect such as creative thinking and expression, the discipline and camaraderie fostered in the design studio, professionalism, and skills required during the process of preparing suitable communications products. Your expectation for quality of work from the studio should be that your products will provide suitable and professional quality material for you to use in your design portfolio as you search for an internship next summer. Presentations and products developed during the semester will facilitate a deeper understanding of the processes and procedures of professional design services.

Information about the studio, copies of assignments and other pertinent material will be made available via the course e-learning website. We may also utilize the college server for storage of pertinent base files and individual/team work products. I will also occasionally communicate via e-mail to the class as a whole and individually so a viable e-mail address that you check regularly should be provided to me. I will make every effort to reply to e-mails within 24 hours.

LEARNING OBJECTIVES
Upon successful completion of this course, students will:

- Have demonstrated knowledge of the planning/design process by producing a site inventory, site analysis, project program, design concepts and their communication.
- Develop creative problem-solving skills (including creative attitude, way of thinking, and basic techniques);
- Develop learning and research skills (application of research to design);
- Apply and improve design communication skills (e.g. graphic, written and verbal communication);
- Explore the contexts to which landscape design processes must respond;
- **Refine form-making and space-making skills** in outdoor environments (i.e., to apply design elements and principles to transform an abstract idea or concept into a concrete 3-dimensional spatial form).

**TEACHING METHODS**

**Juried Studio Products:** The course will be taught primarily through the semester studio project. Learning about and how to design is most effective when it takes place in the studio environment. As part of the process, the more progress you make on assignments, the more feedback, review, and direction you can receive from faculty. In this way, revisions are undertaken and the project is further developed; in essence design is best learned by doing. Making images, writing, drawing and talking about design ideas are critical to successful completion of the project. Each student is required to present/submit complete design products as assigned.

**Discussions, Group Crits and Individual Review:** All discussion and review during the course applies directly or indirectly to your work and development. Students are required to participate in all juried reviews at project submission. Because this is a learn-by-doing method of instruction, the more you produce and participate, the better.

**SEMESTER PROJECT** (One project will be undertaken this five-week semester)

**Low impact Development Analysis, Master Plan and Site Design for a College Station Mixed-use Development**

Intent: Students will work with LID techniques to develop a master plan and Green Factor comparison of an existing College Station development. This project will require an in-depth understanding of LID techniques and application of this knowledge to the project site.

See semester project assignment sheet for detail.

**COURSE EVALUATION:**

Evaluation will be based on the primary studio products, participation, timeliness of effort and contributions to the intellectual climate of the class. Students are expected to be in class on time and ready to work. The daily schedule will vary according to the schedule of readings, discussions, studio reviews, etc. There will be no formal tests but you will be expected to complete the assigned readings and contribute to discussions. There will be short written and graphic assignments to develop appropriate progress on the project.

The studio project will be accomplished in phases. Each Part will be evaluated based on established criteria and weighted according to the percentage duration of that phase. Evaluations of team projects will be given for the entire team so cooperation and discipline to accomplish the team's goals and assignments is essential.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Part</th>
<th>Points</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase I</td>
<td>Part I</td>
<td>= 100</td>
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</tr>
<tr>
<td></td>
<td>Part II</td>
<td>= 100</td>
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<tr>
<td></td>
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<tr>
<td>Phase II</td>
<td>Part IV</td>
<td>= 300</td>
<td>35%</td>
</tr>
<tr>
<td></td>
<td>Part V</td>
<td>= 300</td>
<td>45%</td>
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</tbody>
</table>
Class contribution  = 100.5%
Total points possible  1000

GRADING POLICY
A = 90%+, B = 80 to 89.9, C = 70 to 79.9, D = 60 to 69.9, F = below 60.

In terms of a letter grade for project submission, the language most students are familiar with is A, B, C, and D, with A being the highest and D being the lowest. F is considered failing. To assist you in understanding our expectations in traditional letter grades, please consider the following measures:

A= 90 to 100.0 – entry level professional quality work, outstanding quality, only minor errors; highly creative solutions; all project requirements exceeded qualitatively and quantitatively as identified on project description

B= 80 to 89.5 – top student quality work, errors can be corrected; innovative solutions; all project requirements met qualitatively and quantitatively, well-crafted overall but several improvements are needed

C= 70 to 79.5 – average quality, errors require significant correction; major project requirements met at a minimum level quantitatively, quality is passable, craftsmanship and care in execution is lacking

D= 60 to 69.5 – low quality, errors require redoing project; project requirements are not met

F= 0 – 59.5 - significantly incomplete, late, no submission, cheating

Note: late assignments are subject to up to 50% reduction of points.

TEXTBOOK AND READINGS:
There is no assigned textbook for the course. There are however, readings that will be assigned to different phases of the project, to supplement your learning. Other books, references, articles, websites and pertinent materials relevant to studio and design discussions will be generated by the student.

FIELD TRIPS:
Students are expected to participate in scheduled field trips. These will be announced well ahead of time and incorporated as closely as possible into class schedules. Excuse letters will be provided requesting students be allowed to make up any missed work due to absences from other courses.

SCHOLASTIC HONESTY
Students are referred to the Honor Council Rules and Procedures that may be found at the website: http://www.tamu.edu/aggiehonor.

"An Aggie does not lie, cheat or steal nor do they tolerate those who do".

"Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the
philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System."

**ADA POLICY**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Cain Hall or call 845-1637.

**Extenuating Circumstances** – If, at any time, extenuating circumstances interfere with your ability to meet class requirements, students are encouraged to contact the instructor prior to passage of a due date, giving of a quiz or exam, etc. The ability to make up missed work and the terms of any allowed make-up will be determined on a case-by-case basis and if you have an university excused absence.

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07).

**PRELIMINARY STUDIO PROJECT SCHEDULE:** (subject to change)

- **Part I submitted online due Friday July 8th.**
- **Part II submitted online due Thursday July 14th, discuss in class**
- **Part III field trip to be announced, assignment online due Monday July 18th**
- **Part IV team presentations, report due Friday July 22nd**
- **Part V individual August 5th, not accepted after August 8th**

ALL WORK IS TO BE COMPLETE BY MONDAY AUGUST 8TH (IF NOT BEFORE...).

**OVERALL CONCEPTUAL STUDIO THEMES:**

1. Sustainable design process
2. Conservation ethic
3. Low Impact Development techniques/Green Factor
4. Master planning
5. Retrofit of urban space
6. Personal investment

"Anyone familiar with the ever widening practice of landscape architecture is fully aware that this is not likely to be an overpopulated profession. There is a good reason for its
relatively small size, as professions go. An unusual combination of concerns and capacities has proved essential in a well-rounded landscape architect. He/she must have a compelling interest in and sensitivity to, the environment as a whole. This requires of him a total view of ecology: a deep and abiding grasp of the natural world as an ongoing process of which humans are an integral part. And he/she needs innate responsiveness to people, to their problems, and to the quality of life surrounding them. With that all he/she must be a visualist: fundamental to his/her approach is a sense of design, and intimate concern for specific form at every scale, and a keen appreciation of visual relationships as these affect human behavior. His/her mission insists on a creative urge and a dedicated search for excellence. It asks of him/her the ability to see, feel, and think—with all clarity—and to communicate visually as well as verbally.

Then, above all, he/she must possess the capacity, both as a lone practitioner and in collaboration as an equal with other professionals, to blend his/her outlook, knowledge, and skills into effective action for the service of society at all levels. Ideally, this demands of every landscape architect a combination of faculties not to be found in many individuals, even in the embryonic form of early interest and aptitudes. Landscape architecture accordingly is not, and in the opinion of some probably never can be a massive profession. The public need which becomes greater every day in the face of society’s destruction of the environment—will inevitably—exceed the supply of competent landscape architects” (Norm Newton, Design on the Land, p. 391 (1971)).

REQUIRED COURSE MATERIALS
1. At least one role of tracing paper (30”). You may want a smaller one as well or the ability to use smaller sizes for sketches.
2. Sharpie brand markers (some of each): ultra fine, fine and super sharpie black markers.
4. Digital camera or access to one.
5. Laptop with Adobe Photoshop, Acrobat, Auto CAD, PowerPoint, Word, SketchUp, Excel.

COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Week</th>
<th>Day</th>
<th>Date</th>
<th>Topic</th>
<th>Activities</th>
<th>Due</th>
<th>P 1</th>
<th>P 2</th>
<th>P 3</th>
<th>Readings</th>
<th>Remarks</th>
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<tr>
<td>M</td>
<td>7-4</td>
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<td>4th of July Observed</td>
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<td>TU</td>
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<tr>
<td>W</td>
<td>7-6</td>
<td></td>
<td>Introduction, start project</td>
<td>Meet with teams-base materials, begin research</td>
<td>Pick Teams, form research questions</td>
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<td></td>
<td>The Ecology and Culture of Water</td>
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<td>TH</td>
<td>7-07</td>
<td></td>
<td>Project Research, base map production</td>
<td>Urban Design lecture, Site Visit, Spoons</td>
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<td>Selected Readings for focus area</td>
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<tr>
<td>F</td>
<td>7-8</td>
<td></td>
<td>Project Research, base map production</td>
<td>Meet individually with teams as needed</td>
<td>Part 1, *</td>
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<td></td>
<td>Ecology and Culture of Water, selected readings for focus area</td>
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<tr>
<td>M</td>
<td>7-11</td>
<td>Campus LID Field trip</td>
<td>Meet with teams</td>
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<td>Last day add/drop</td>
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<tr>
<td>TU</td>
<td>7-12</td>
<td>Site Inventory, Analysis, Program</td>
<td>Meet in 323 noon</td>
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<tr>
<td>W</td>
<td>7-13</td>
<td>Site Inventory, Analysis, Program</td>
<td>Meet with teams</td>
<td>Draft outline for document</td>
<td>Selected Readings for focus area</td>
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<tr>
<td>TH</td>
<td>7-14</td>
<td>Site Inventory, Analysis, Program</td>
<td>Meet 323 discuss assigned readings</td>
<td>Part II *</td>
<td>Land Ethic Reading Due</td>
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<td>F</td>
<td>7-15</td>
<td>Site Inventory, Analysis, Program</td>
<td>Present team inventory/analysis</td>
<td>Present Preliminary findings *</td>
<td>Analysis of base condition complete</td>
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<td>M</td>
<td>7-18</td>
<td>Meet in 323</td>
<td>self directed team work</td>
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<td>Movie: Social Life of Small Urban Spaces</td>
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<tr>
<td>TU</td>
<td>7-19</td>
<td>Meet in 323</td>
<td>Team reviews</td>
<td>Part III *</td>
<td>Literature Review</td>
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<td>7-20</td>
<td>LID Analysis</td>
<td>self directed team work</td>
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<tr>
<td>TH</td>
<td>7-21</td>
<td>LID Analysis</td>
<td></td>
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<td>Master Plan concept bubble diagram due</td>
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<tr>
<td>F</td>
<td>7-22</td>
<td>Team inventory/analysis due</td>
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<td>M</td>
<td>7-25</td>
<td>Present team inventory/analysis/Master plan concepts</td>
<td>1 PM Present</td>
<td>*</td>
<td>Present to City of College Station (room 348)</td>
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<td>7-26</td>
<td>Concept development, meet 323</td>
<td>Idea generation activity</td>
<td>Q-drop, last day to W/D</td>
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<tr>
<td>W</td>
<td>7-27</td>
<td>Begin individual site work</td>
<td>review</td>
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<td>7-28</td>
<td>refinement</td>
<td>review</td>
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<td>F</td>
<td>7-29</td>
<td>Present Preliminary Plans</td>
<td>Green Factor 1, 2, 3</td>
<td>MP Draft text</td>
<td>draft master plan</td>
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<td>M</td>
<td>8-1</td>
<td>Details</td>
<td>Individual work</td>
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<td>Details/text</td>
<td>Individual crits</td>
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<td>W</td>
<td>8-3</td>
<td>Final Production</td>
<td>Individual crits</td>
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<td>TH</td>
<td>8-4</td>
<td>Final Production</td>
<td>Individual work</td>
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<tr>
<td>F</td>
<td>8-5</td>
<td>Individual due date</td>
<td>Hand in Part IV &amp; V *</td>
<td>Last Day of Class</td>
<td></td>
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<tr>
<td>M</td>
<td>8-8</td>
<td>Final Composite Package Due</td>
<td>No projects accepted after 6 PM</td>
<td>Printed and PDF versions on CD</td>
<td>Printed version of project due</td>
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<tr>
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<td>8-09</td>
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</table>
* = Presentation or due date
Phase 1-Developing a Conservation Ethic: Ecology and Culture of Water, The Land Ethic, Field Trip
Phase 2-Analysis, data collection and Master Plan: Part IV
Phase 3-Individual Site Design and Final Package: Part V
MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description and title of LAND 603: Principles and Techniques of Land Development to better reflect the course content being covered in the course.

Please let me know if you have any questions or concerns about this request.
Texas A&M University

Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
• Submit original form and attachments •

Form Instructions
1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning

2. Course prefix, number and complete title of course: LAND 612 - Landscape Architectural Site Development

3. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description:
   LAND 612. Landscape Architectural Site Development. Concepts, theories and techniques of site development: creative land form modification, landscape construction materials and structures, drainage principles, site circulation and utilization of materials. Prerequisites: Approval of instructor.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   LAND 612. Landscape Architectural Site Engineering and Development. First construction studio course; concepts, theories and techniques of site development; aspects of site engineering and consideration of earth bound elements in land development; contours, landform, grading design, drainage principles, cut and fill computations, basic hydraulics and hydrology, stormwater management, landscape construction materials. Prerequisite: Approval of instructor.

7. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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<tbody>
<tr>
<td>LAND</td>
<td>612 LAND ARCH SITE DEVL PMT</td>
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<th>Lab</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
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<td>0</td>
<td>4</td>
<td>0</td>
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   b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAND</td>
<td>612 LAND ARCH SITE ENG DEV</td>
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</table>

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<th>Lab</th>
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<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
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<td>4</td>
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<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

   Approval recommended by:

   [Signature]

   Department Head or Program Chair (Type Name & Sign) Date
   Chair, College Review Committee

   Department Head or Program Chair (Type Name & Sign) Date
   Dean of College Date

   Submitted to Coordinating Board by:

   [Signature]

   [Signature]

   Chair, GC or UCC Date
   Marc J. Zoran Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-2201 or sandra-williams@tamu.edu.

Curricular Services - 02/11

34 of 95 C
Texas A&M University
Department of Landscape Architecture and Urban Planning

LAND 612 Landscape Architectural Site Engineering and Development (4 credits)

Fall 2011

Course Time and Location
TR 8:00-10:30am; Langford C111 and MLA Studio

Course Description
Landscape Architecture Site Development provides a technical background and practical exercises in the fundamental knowledge and skills of Landform Grading, Earthwork, Drainage, Hydrology and Surface Hydraulics, Stormwater Management and Street Layout and Basic Geometric Design.

Prerequisite: Approval of instructor.

Learning Outcomes and Course Objectives
The objectives of the course are:

1. To acquire an entry level knowledge and skill in the principles of land form manipulation and preparation of grading plans and to demonstrate their knowledge by achieving passing scores on examinations and practical exercises in preparation of grading plans;

2. To acquire an entry level knowledge and skill in the computation of earthwork volumes and to demonstrate their proficiency by achieving passing scores on written examinations and successful completion of practical earthwork computation exercises;

3. To acquire an entry level knowledge and skill in the use of computer spreadsheets applied to earthwork calculations by developing basic spreadsheets for earthwork projects;

4. To acquire basic knowledge in hydraulics, hydrology, drainage design and stormwater management and demonstrate that knowledge by achieving passing grades on a written examination and successfully completing a studio exercise in urban stormwater management;

5. To acquire a general understanding of intermodal transportation planning and to acquire an entry level understanding of the geometric design of highways and streets and demonstrate that understanding by achieving a passing score on a written examination.

6. To acquire basic knowledge of construction materials and processes by completing a house construction diary and a material self-study project.

Instructor
Ming-Han Li
Associate Professor
A336 Langford Building
845-7571 (LAUP) or 845-6211 (TTI);
minghan@tamu.edu

Office hour: Tue & Thu 2-3:30pm

Required Textbook
Texas A&M University
Department of Landscape Architecture and Urban Planning

Suggested Reference

Course Logistics
This class emphasizes the importance of participatory, interactive and hands-on learning experiences. This class will involve a series of lectures, homework and exercise assignments, in-class assignments, quizzes, examinations and field trips. The class will have lectures in Langford Building C111 during the first hour to cover the subjects and activities of the day. Students are encouraged to ask questions or share information at any time during the lectures. The rest of class will be devoted to practice and apply knowledge from lectures with in-class exercises or assignments. Digital course materials such as handouts, homework, in-class assignments and supplemental readings will be stored in Blackboard Vista (elearning.tamu.edu). You must check on new releases constantly and download them for use. Exams are typically close book, close note and no cell phone or computer.

Supply List
- An engineer’s scale (a 3-sided ruler marked in 1/10ths of an inch at 10, 20, 30, 40, 50, and 60 graduations to the inch)
- A scientific calculator
- Color pens, pencils, and colored markers (several different line weights as well as diverse colors including a black and a gray)
- Trace paper
- Masking tape

Grading Policy
A = 90 or above, B = 80 to 89.9, C = 70 to 79.9, D = 60 to 69.9, F = below 60.

Weighting
Homework 20%
Studio exercises 20%
In-class assignments 10%
Construction diary 10%
Material study (presentation and written summary) 10%
Quizzes and journal 5%
Exams 25%
Total 100%

Homework – Homework assignments shall be neatly finished. All calculations and units should be clearly written on separate sheets and stapled on the back of your submission. The due date for each homework will be indicated on the course work plan when it is assigned. Typically, the due date is one week after it is issued and the assignment will be collected in the beginning of the class. Submissions after instructors have started the class (e.g., the lecture) will be considered late. ALL late homework will be graded for half credit (50%), and no homework will be accepted after the graded assignments are returned, resulting in a grade of zero except for university excused absences.

Studio exercises – Studio exercises typically are graphical vignettes that require knowledge of landscape design and technical competence to create reasonable, practical, cost-effective and safe solutions. Therefore, exercises shall be professionally drafted for clear communication. Exercises of poor drafting quality will be subjected to severe point deduction. Incomplete works that do not provide final solutions
Texas A&M University  
Department of Landscape Architecture and Urban Planning  

will not be accepted. Incomplete works will receive a grade of zero. Policy of late exercises follows what is described in Homework.

Observing the landscape exercise – A good way to learn landscape architecture is by observing and measuring. You will keep a journal for the semester to document your analysis on landscape spaces and objects. Detailed requirements are described in the exercise.

In-class assignments – Portions of the scheduled class meeting time will be used for in-class assignments. These assignments will be designed to illustrate concepts and problem solving techniques. In-class assignments may be worked individually or in groups and will be due at the end of the class when assigned. In-class assignments may not be made up, and work not turned in will receive a grade of zero.

Oral presentation and term paper – Each student is required to make a 15-minute PowerPoint presentation on one of the subjects covered in the course material or a related topic. A list of subject areas will be distributed at the beginning of the term. In advance of the presentation, the student will supply the instructor with a final outline of their presentation. At the latest, this must be supplied by the morning of the day before the presentation. Even earlier is preferable since that will give you more time to make suggested adjustments to the presentation.

The student is also required to write a summary on that topic. The paper shall be submitted on the due date assigned by the instructor.

Quizzes – Quizzes are a mean for us to ensure that the students are reading assigned materials. Depending upon the class participation throughout the semester, quizzes may be given occasionally. All quizzes will be closed-book, closed-notes and should require approximately 10 minutes of class time.

Exams – Two exams and one final will be given. Exams will focus on application of technical concepts. Exams will be limited to one class period. The final exam is on Dec. 13 from 1pm to 3pm.

Field Trip – We will have one or two in-town field trips during this semester. All students are required to participate. Upon request, the instructors will provide excuse letters for students who need to provide to their other professors or employers.

Extenuating circumstances – If, at any time, extenuating circumstances interfere with your ability to meet class requirements, students are encouraged to contact Dr. Li prior to passage of a due date, giving of a quiz or exam, etc. The ability to make up missed work and the terms of any allowed make-up will be determined on a case-by-case basis and if you have an university excused absence.

Submission Requirements  
Submission requirements include the basis for determining whether or not a project is complete enough to evaluate. Construction documents are legal documents that govern construction and generally become part of a legal agreement between a client and a building contractor. They are intended to convey precise information and are free of graphic embellishment. In this course all drawings turned in for evaluation must be copies of original work and meet professional technical standards for working drawings. Submittals of original work will be returned to students immediately without grading. All solutions must be drafted, and lettered, or plotted from an appropriate CAD package, with all appropriate dimensions, elevations, contours, notes and labels typical of construction documents. Students must sign on all sheets to indicate original work by the student. Every sheet must have an appropriate title block, north arrow (if appropriate), scale designation (graphic and written), date, name and project/course title. Any exercise or project that fails to meet standards of completeness or neatness will receive a penalty of zero point. No work will be accepted for credit after the last class day.
Texas A&M University
Department of Landscape Architecture and Urban Planning

If submitted work is evidently incomplete, the work will be returned instantly without grading. The subsequent submission will be considered late. Again, no work will be accepted after the graded assignments are returned, resulting in a grade of zero.

Attendance Policy
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Safety and Facility Upkeep
Throughout the semester, you may engage in activities where you choose to handle tools, equipment, and/or materials that require care in their use. Maintain your desk and workspace so that no obstacles that could harm others (i.e., cutting tools) are left unattended. Keep your work environment clean. If you make use of the woodshop, complete the safety course found through the woodshop web page located at: http://www.arch.tamu.edu/content/inside/services/woodshop
Texas A&M University
Department of Landscape Architecture and Urban Planning

Course Schedule (Tentative)
# LAND 612 – Landscape Architecture Site Development

## TENTATIVE CLASS SCHEDULE (subject to change)

<table>
<thead>
<tr>
<th>Wk</th>
<th>Date</th>
<th>Topic</th>
<th>Activity</th>
<th>Homework</th>
<th>Exercise</th>
<th>Readings</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30-Aug</td>
<td>Introduction to the course and review of syllabus</td>
<td>Lec01, in-class1</td>
<td></td>
<td></td>
<td>Ch1</td>
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<tr>
<td></td>
<td>1-Sep</td>
<td>Contours and form</td>
<td>Lec02, in-class1</td>
<td></td>
<td></td>
<td>Ch3</td>
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<tr>
<td>2</td>
<td>6-Sep</td>
<td>Interpolation and slope</td>
<td>Lec03, Demo</td>
<td></td>
<td>Ex01</td>
<td>Ch4</td>
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<tr>
<td></td>
<td>8-Sep</td>
<td>Slope formula application (spot elevation)</td>
<td>Lec04</td>
<td>H01</td>
<td>Ex02</td>
<td>Ch5</td>
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<tr>
<td>3</td>
<td>13-Sep</td>
<td>Site grading process</td>
<td>Lec05, Demo</td>
<td></td>
<td>Ex03, Ex04, Ex01</td>
<td>Ch2, Ch8</td>
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<tr>
<td></td>
<td>15-Sep</td>
<td>Grading around buildings (residence)</td>
<td>Lec06, Demo</td>
<td>H02, H01</td>
<td>Ex05, Ex02</td>
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<tr>
<td>4</td>
<td>20-Sep</td>
<td>Grading around buildings (residence)</td>
<td>Lec06, Demo, Quiz</td>
<td></td>
<td>Ex06, Ex03, Ex04</td>
<td></td>
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<tr>
<td></td>
<td>22-Sep</td>
<td>Review exercises</td>
<td>In-class2, Quiz</td>
<td>H02</td>
<td></td>
<td>Ex05</td>
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<tr>
<td>5</td>
<td>27-Sep</td>
<td>Soils in construction; earthwork</td>
<td>Lec07</td>
<td>H03</td>
<td>Ex07</td>
<td>Ch7</td>
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<td></td>
<td>29-Sep</td>
<td>Earthwork, cut and fill</td>
<td>Lec08, in-class3, soil quiz</td>
<td>H04</td>
<td></td>
<td>Ch8</td>
<td></td>
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<tr>
<td>6</td>
<td>4-Oct</td>
<td>Grading with balanced cut and fill</td>
<td></td>
<td></td>
<td>Ex08</td>
<td>Ex07</td>
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<tr>
<td></td>
<td>6-Oct</td>
<td>Q&amp;A on exam</td>
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<td>H04</td>
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<tr>
<td>7</td>
<td>11-Oct</td>
<td>First exam</td>
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<td></td>
<td>13-Oct</td>
<td>Intro to stormwater management or Review first exam</td>
<td>Lec09, Demo</td>
<td></td>
<td>Ex09</td>
<td>Ex08, Ch9 &amp; Li et al.</td>
<td>Oct 13-16: ACSP</td>
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<tr>
<td>8</td>
<td>18-Oct</td>
<td>Intro to stormwater management or Review first exam or Donnie guest lecture</td>
<td>Lec10, in-class4</td>
<td>H05</td>
<td></td>
<td>Ch9</td>
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<tr>
<td></td>
<td>20-Oct</td>
<td>Stormwater management (H&amp;H)</td>
<td>Journal due, Quiz</td>
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<td>Ex10</td>
<td>Ex09</td>
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<tr>
<td>9</td>
<td>26-Oct</td>
<td>Stormwater management (H&amp;H)</td>
<td>Lec11</td>
<td>H06, H05</td>
<td></td>
<td>Ch11</td>
<td>Oct 24: CARC symposium</td>
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<tr>
<td></td>
<td>27-Oct</td>
<td>Rainfall runoff estimate (rational method)</td>
<td>Lec12, Quiz</td>
<td>H07</td>
<td>Ex11, Ex10</td>
<td>Ch11</td>
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<tr>
<td>10</td>
<td>1-Nov</td>
<td>Rainfall runoff estimate (modified rational method)</td>
<td>Lec13, in-class5</td>
<td>H06, H06</td>
<td></td>
<td>Ch11</td>
<td>Nov 4: Q-drop deadline; Oct 30-Nov 2: ASLA</td>
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<tr>
<td></td>
<td>3-Nov</td>
<td>Field trip</td>
<td></td>
<td>H07</td>
<td>Ex11</td>
<td>Ch12</td>
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<tr>
<td></td>
<td>8-Nov</td>
<td>Rainfall runoff estimate (curve number &amp; TR-55)</td>
<td>Lec14, in-class6</td>
<td>H08</td>
<td>Ex12</td>
<td>Ch12</td>
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<tr>
<td></td>
<td>10-Nov</td>
<td>Introduction of final project/Q&amp;A on exam</td>
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<td></td>
<td>15-Nov</td>
<td>Second exam</td>
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<tr>
<td>12</td>
<td>17-Nov</td>
<td>Land development guest lecture</td>
<td></td>
<td></td>
<td>Ex12, Ex13, Ch10</td>
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<tr>
<td></td>
<td>22-Nov</td>
<td>Erosion and sediment control BMPs; review second exam field trip</td>
<td>Lec15, Journal Due</td>
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<td>Nov 24-25: Thanksgiving</td>
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<td></td>
<td>24-Nov</td>
<td>Thanksgiving</td>
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<td>14</td>
<td>28-Nov</td>
<td>Transportation design &amp;</td>
<td>Lec16</td>
<td></td>
<td>Ex13</td>
<td>Ch15</td>
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<tr>
<td>Nov</td>
<td>horizontal and vertical alignment</td>
<td>2</td>
<td>Ch16</td>
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<tr>
<td>1-Dec</td>
<td>MLA student presentations/BLA studio exercise</td>
<td>Ex13</td>
<td>journ al</td>
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</tbody>
</table>

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MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description and title of LAND 612: Landscape Architectural Site Development to better reflect the course content being covered in the course.

Please let me know if you have any questions or concerns about this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate / Graduate / Professional
* Submit original form and attachments *

Form Instructions
1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning
2. Course prefix, number and complete title of course: LAND 614 - Landscape Architectural Construction

3. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:
5. Complete current course title and current catalog course description: LAND 614. Landscape Architectural Construction: An introduction to the basic elements of landscape architectural construction; course stresses applications of the basic principles of statics and mechanics of simple structures in the use of wood, concrete and masonry plus the design of irrigation and lighting systems. Prerequisite: LAND 612.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 614. Landscape Architectural Construction. Second construction studio course; sustainable water management techniques in landscape development; theory, principles and techniques of low impact development; basic elements of landscape architectural construction; construction document preparation, working drawings, project layout and design; theory and principles of irrigation and lighting design. Field trips required. Prerequisites: LAND 612.

7. a. As currently in course inventory:
   Prefix Course # Title (excluding punctuation)
   LAND 614 LAND ARCH CONSTRUCTION
   Lect. Lab SCH CIP and Fund Code Admin. Unit FICE Code Level
   0 2 0 4 0 3 0 4 0 6 0 1 0 0 0 6 1 6 9 4 0 0 3 6 3 2 5
   b. Change to:
   Prefix Course # Title (excluding punctuation)
   Lect. Lab SCH CIP and Fund Code Admin. Unit Acad. Year FICE Code
   Approval recommended by: ____________________________
   Date ____________________________
   Department Head or Program Chair (Type Name & Sign) ____________________________
   Date ____________________________
   Chair, College Revision Committee ____________________________
   Date ____________________________
   Dean of College ____________________________
   Date ____________________________
   Submitted to Coordinating Board by: ____________________________
   Date ____________________________
   Effective Date ____________________________
   Associate Director, Curricular Services ____________________________
   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Texas A&M University
Department of Landscape Architecture and Urban Planning

**LAND 614 Landscape Architectural Construction**

**Spring 2010**

**Instructor**
Dr. Ming-Han Li, ASLA, R.L.A., P.E.
A336 Langford Building
845-7571 (LAUP) or 845-6211 (ITI); minghan@tamu.edu
Office hours: to be determined

**TA**
Edward Tarlton
301-803-0100
etarlton@gmail.com

**Course Time and Location**
TR 2:20-4:50pm; Langford A107A/A300

**Course Description**
This is the second graduate landscape construction course in the MLA curriculum. The course will cover (1) construction document preparation and working drawings, (2) the theory and principles of irrigation design, (3) low impact development (LID) practices and technologies, (4) water-saving planting design principles and (4) lighting design principles. Students are expected to bring to this course a working knowledge of the design process, visual design elements and principles, basic hydraulics, basic knowledge of the natural systems that impact design, and knowledge of grading and drainage. Specific topics include:

- Construction procedure of concrete, masonry and wood,
- Drafting, lettering and clarity of details,
- Basic irrigation hydraulics (pressurized flow, head loss, design pressure, etc.)
- Irrigation structures, ordinances and licensing
- Irrigation with sprinklers
- Irrigation with drip
- Planting for sustainability
- Rainwater harvesting
- Green roof
- Bioretention
- Irrigation with reclaimed water

**Prerequisites:** LAND 612

**Learning Objectives**
After completing this course, students will possess:

- **Knowledge** of the principles, and **skill** of preparing and assembling construction drawings by completing a full construction package
- **Knowledge** of the principles of irrigation design, and **skill** of analyzing the need of supplemental irrigation by completing design exercises and passing exams
- **Knowledge** of the equipment and principles of designing water features by lectures and demonstrations
- **Knowledge** of the principles of lighting design by lectures
Texas A&M University
Department of Landscape Architecture and Urban Planning

- Ability to complete a typical landscape construction working drawing package
- Ability to apply design and planning principles of landscape irrigation

Required Textbook
None

Suggested Reference


Course Logistics
Students are expected to attend the full class period. You are required to bring a scientific calculator to the class. You are also encouraged to bring your notebook PC. Course materials such as handouts, homework, exercise, in-class assignments and supplemental materials will be stored in Vista. You must check on new releases constantly and download them for use.

Evaluation
Homework 20%
Exercise 20%
In-class assignments 10%
Semester project 15%
Construction drawing package 15%
Exams (including quizzes) 20%

Grading Policy
A = 90%+, B = 80 to 89.9, C = 70 to 79.9, D = 60 to 69.9, F = below 60.

Homework - Homework assignments should be neatly finished. All calculation processes and units should be clearly written. Showing answers without any calculation process will receive zero unless it is a short answer. Poorly written and illegible submissions will not be accepted. The due date for each homework will be indicated when it is assigned. Late homework will be graded for half credit. Any homework not turned in two weeks after the due date may be turned in for evaluation, but will receive a grade of zero except for university excused absences.

Exercise - Exercise assignments are graphical vignettes typically issued in the AutoCAD drawing format. You are required to use AutoCAD to draft, draw and plot your solutions. For individuals who are not familiar with AutoCAD, you may turn in manually drafted solutions for the first two weeks of this semester. Starting in the third week, a 5% deduction of grade for manual drafting will be applied. Such a deduction scale will increase 5% every week. For example, in the 10th week the deduction will reach 40%. If work is done manually, submit photocopies of your originals.

In-class assignments - Portions of the scheduled class meeting time will be used for in-class assignments. These assignments will be designed to illustrate concepts and problem solving techniques. In-class assignments may be worked individually or in groups and will be due at the end of the class when assigned. In-class assignment may not be made up.
Texas A&M University  
Department of Landscape Architecture and Urban Planning  

**Pin-ups** – During the semester, the instructors may select some details or plans designed and drawn by students for pin-up discussion. Grades of pin-up will be grouped under “in-class assignments.”

**Oral presentation (semester project)** – Each student is required to make a 15-minute PowerPoint presentation on one of the subjects covered in the course material or a related topic. A list of subject areas will be distributed at the beginning of the semester. In advance of the presentation, the student will supply the instructor with a final outline of their presentation. The final PowerPoint file must be submitted by the morning of the day before the presentation. Even earlier is preferable since that will give you more time to make suggested adjustments to the presentation.

The student is also required to write a three page (1500 words) summary on that topic. The summary shall be submitted on the presentation day.

**Quizzes** – Quiz are used to ensure that the students study assigned materials. Depend upon the class participation throughout the semester, quizzes may be given occasionally. All quizzes will be closed-book, closed-notes and should require approximately 20-30 minutes of class time.

**Construction drawing package** – At the end of the semester, you are required to submit a construction drawing package that includes most of the plans and details you have worked on as exercises. The submission must be plotted using AutoCAD. Manually drafted submissions will not be accepted, and a grade of zero will be assigned.

**Exams** – Exams will focus on the application of technical concepts. Exams will be limited to one class period. The Final Exam will be held on the university scheduled date. No other date will be specially arranged for any individuals.

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Texas A&M University  
Department of Landscape Architecture and Urban Planning  

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# LAND 614 – Landscape Architectural Construction

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<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Activity</th>
<th>Exercise</th>
<th>Due</th>
<th>Readings</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>19- Jan</td>
<td>Course introduction and layout</td>
<td>Lec01, 02</td>
<td>Layout plan</td>
<td>Ch.1; Ch.2 p.30-39</td>
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<tr>
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<td>21- Jan</td>
<td>Grading (MLA-concrete)</td>
<td>Lec03</td>
<td>Grading plan</td>
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<td>Ex02</td>
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<tr>
<td>2</td>
<td>26- Jan</td>
<td>Planting design 1</td>
<td>Lec04</td>
<td>Planting plan</td>
<td>Layout plan (1)</td>
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<td>28- Jan</td>
<td>Planting design 2 (MLA-masonry)</td>
<td>Lec05</td>
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<td>3</td>
<td>2- Feb</td>
<td>Guest lecture/Intro to irrigation</td>
<td>Lec06</td>
<td>Planting plan</td>
<td>Ch.8 p.277-281</td>
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<td>4- Feb</td>
<td>Pressure hydraulics</td>
<td>Lec07</td>
<td>Basic Water</td>
<td>Ch.8 p.296-299</td>
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<td>4</td>
<td>9- Feb</td>
<td>Hazen &amp; Williams</td>
<td>Lec08</td>
<td>02- Pressur e Loss</td>
<td></td>
<td>Ch.8 p.299-303</td>
<td>Job Fair Feb. 11; ASLA workshop Feb. 12-13</td>
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<td></td>
<td>11- Feb</td>
<td>Preparation for workshop, job fair (reading day) (MLA-sipes)</td>
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<td>5</td>
<td>16- Feb</td>
<td>Determining flow capacity</td>
<td>Lec09</td>
<td>03- Flow Capacity</td>
<td>Hw02, layout plan (2)</td>
<td>Ch.8 p.319</td>
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<td>18- Feb</td>
<td>Pressure loss (MLA-lumber)</td>
<td>Lec10</td>
<td></td>
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<td>Ch.8 p.281-296</td>
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<td>6</td>
<td>23- Feb</td>
<td>Basic principles, irrigation layout</td>
<td>Lec11</td>
<td>04- Zone Pressur e</td>
<td>Hw03</td>
<td></td>
<td>Ch.8 p.310-337</td>
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<td>25- Feb</td>
<td>Irrigation components and products</td>
<td>Lec12, in-class pressure loss</td>
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<td>7</td>
<td>2- Mar</td>
<td>Controller program</td>
<td>Lec13, In-class controller exercise</td>
<td>05- Backfl ow</td>
<td>Ex04- irrigation design</td>
<td>Hw04</td>
<td>Ch.8 p.337-340</td>
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<td></td>
<td>4- Mar</td>
<td>Loop design/Exam 1 review</td>
<td>Lec14, In-class loop design</td>
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<td>8</td>
<td>9- Mar</td>
<td>Exam 1</td>
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<td>TX ASLA March 11-12</td>
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<td>11- Mar</td>
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<td>Event Details</td>
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<td>16-Mar</td>
<td>Spring break</td>
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<td>18-Mar</td>
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<td>23-Mar</td>
<td>Guest lecture/Toro confirmed</td>
<td>Ex04</td>
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<td>25-Mar</td>
<td>Guest lecture/LID: rainwater harvesting confirmed</td>
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<td>30-Mar</td>
<td>LID: LID overview and green roof 1 Lec15; 16</td>
<td>Ex05-irrigation plan</td>
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<td>1-Apr</td>
<td>LID: green roof 2 Lec17</td>
<td>Ex06-green roof</td>
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<td>6-Apr</td>
<td>Field trip to Bridgeland confirmed</td>
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<td>Guest lecture/Pavestone confirmed</td>
<td>Ex05, Ex06</td>
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<td>13-Apr</td>
<td>LID: porous pavement Lec18</td>
<td>Ex07-porous pavement</td>
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<td>15-Apr</td>
<td>Guest lecture/Lighting confirmed</td>
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<td>20-Apr</td>
<td>LID: bioretention Lec19</td>
<td>Ex08-bioretention</td>
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<tr>
<td>22-Apr</td>
<td>Drip irrigation/review exam 2 &amp; grades Lec20</td>
<td>Ex07</td>
<td></td>
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MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
    Graduate Council

Through: Leslie Felgenbaum, Assistant Dean for Academic Affairs
         College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
      Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description of LAND 614: Landscape Architectural Construction to better reflect the course content being covered in the course.

Please let me know if you have any questions or concerns about this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
* Submit original form and attachments *

Form Instructions
1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning
2. Course prefix, number and complete title of course: LAND 620 - Open Space Development I
3. Change requested
   a. Prerequisite(s): From: architecture or approval of instructor To: LAND 601-603 or approval by instructor
   b. Withdrawal (reason):
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:
5. Complete current course title and current catalog course description: LAND 620. Open Space Development I. Solution of complex open space problems. Subjects may be as diversified as large scale land planning study or the development of a large residential site. Prerequisite: Graduate classification in landscape architecture or approval of instructor.
6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 620. Open Space and Land Use Planning I. This course involves the student in the creation of land use planning strategies for large land parcels. Site inventory, analysis, program formulation and design detailing are sequenced into the production of a comprehensive master plan. Issues of sustainability, environmental protection, growth management and resource utilization are considered. Prerequisite: LAND 601-603 or approval by instructor.

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<td>OPEN SPACE DEVELOPMENT I</td>
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b. Change to:

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<td>620</td>
<td>OPEN SPALAND USE PLAN I</td>
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<th>CIP and Fund Code</th>
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Approval recommended by: [Signature]

Department Head or Program Chair (Type Name & Sign) Date

Dean of College Date

Chair, GEC or UCC Mark J. Zoran Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 02/11
LAND 620 (5 Credits)
Fall 2011
Open Space and Land Use Planning I

Section 600
Instructor: Dr. Jon Rodiek
Office: A 304, Langford Architectural Center.
Telephone: (979) 845-7059
Office hours: MW 12:30 pm – 1:30 pm or by appointment
e-Mail: j-rodiek@tamu.edu

I. Meeting Times

<table>
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<th>Day</th>
<th>Time / Location</th>
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<tbody>
<tr>
<td>MW</td>
<td>Rm 323 1:50-5:10 (Lecture and Lab time)</td>
</tr>
<tr>
<td>MW</td>
<td>Rm 300 Studio for Lab time</td>
</tr>
<tr>
<td>F</td>
<td>Rm 323 12:40-4:00 (Lecture and Lab time)</td>
</tr>
<tr>
<td>F</td>
<td>Rm 300 Studio for Lab time</td>
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</table>

II. Course Description
This course involves the student in the creation of land use planning strategies for large land parcels. Site inventory, analysis, program formulation and design detailing are sequenced into the production of a comprehensive master plan. Issues of sustainability, environmental protection, growth management and resource utilization are considered.

Prerequisite: LAND 601-603 or approval by instructor.

III. Learning Objectives
To develop the student’s skills in a real land use planning and design studio project. The class will focus on land use planning, design, production, and presentation skills.

1. Theory and concepts of community design
2. Master planning process for a new community development
3. Design elements and principles of a community
4. Evidence-based design methodology
5. Concepts and principles of sustainable healthy communities
6. Techniques of professional design documentation and presentations

IV. Course Organization
Phase I Research
Phase II Site Selection
Phase III Master Plan 1 square mile, Site Plan, Design

Research I County Information and Selection Criteria
V. Report Format for Readings:
LAND 620, Fall 2011
Format
Review of Technical Papers & Chapters

Title Page:
- Title
- Author(s)
- Assignment #
- Class
- Date

5 points

Body of Work:
1. Outline by: Title, Headings, Subheadings
2. Briefly write the primary points of the paper
3. Summarize the value of the paper to the graduate landscape architect. (How can the paper help you in regards to a planning, and/or design project?)

Total Points = 20

VI. Criteria for Evaluation of Student Performance

The student’s final grade of this course is determined by the following components and formulas:

A. Studio Projects: 80%
   a. Case study (10%)
   b. Site inventory and analysis (10%)
   c. Master Plan (30%)
   d. Site Design (20%)
e. Reflection essay (5%)
f. Quality of graphic and written presentation (20%)
g. Oral presentation (5%)

B. Instructor’s Evaluation: 20%
   a. Self-motivation (20%)
   b. Class attendance and participation (20%)
   c. Time management (20%)
   d. Team work spirit (20%)
   e. Improvement (20%)

Total: 100%

Attendance Policy
The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at http://student-rules.tamu.edu/rule07.

Grading Policy
A = 90 or above, B = 80 to 89.9, C = 70 to 79.9, D = 60 to 69.9, F = below 60.

VII. Disabilities and ADA
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.

VIII. AGGIE Code of Honor

IX. Course Schedule (Tentative)

<table>
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<tr>
<th>MONTH</th>
<th>WEEK</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Friday</th>
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<tr>
<td>Aug</td>
<td>1</td>
<td>Introduction</td>
<td>County Selection</td>
<td>County Information Criteria</td>
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<tr>
<td>Sept</td>
<td>2</td>
<td>Ecoregions (1)</td>
<td>Vegetation &amp; Soils (2, 3)</td>
<td>Open</td>
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<tr>
<td>Sept</td>
<td>3</td>
<td>Due (1, 2, 3) Review</td>
<td>Quadrangle Selection (4)</td>
<td>Proposed Property Boundary</td>
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<td>Sept</td>
<td>4</td>
<td>Due (4); Review</td>
<td>1 square mile Base Map</td>
<td>Field Trip Photo Sheet</td>
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<td>20</td>
<td>22</td>
<td>(5)</td>
<td>24</td>
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<tr>
<td>Sept</td>
<td>5</td>
<td>Photo Sheet 27</td>
<td>Arch. Selection (6) 29</td>
<td>Climate Data (7) 1</td>
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<td>Oct</td>
<td>6</td>
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<td>Arch. Sheet (6) Due 6</td>
<td>Climate Sheet (7) Due 8</td>
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<td>Oct</td>
<td>7</td>
<td>Arch. Siting (8) 11</td>
<td>Zoning for 1 Acre (9) 13</td>
<td>Design Goals (10) 15</td>
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<tr>
<td>Oct</td>
<td>8</td>
<td>Arch. Siting (8) Due 18</td>
<td>Zoning 1 Acre (9) Due 20</td>
<td>Design Goals (10) Due 22</td>
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<td>Oct</td>
<td>9</td>
<td>Master Plan 1 Acre (11) 25</td>
<td>Review 27</td>
<td>Design Goals (12) 29</td>
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<td>Nov</td>
<td>10</td>
<td>Master Plan (11) Due 1</td>
<td>Review 3</td>
<td>Design Layout (12) 5</td>
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<td>Nov</td>
<td>11</td>
<td>Planting Plan (13) 8</td>
<td>Review 10</td>
<td>Plant Sheet (14) 12</td>
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<td>Nov</td>
<td>12</td>
<td>Planting Plan (13) Due 15</td>
<td>Review 17</td>
<td>Plant Sheet (14) Due 19</td>
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<tr>
<td>Nov</td>
<td>13</td>
<td>Cross Section 2 (15) 22</td>
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<tr>
<td>Dec</td>
<td>14</td>
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<td>Cross Sections (15) Due 29</td>
<td>Presentations 3</td>
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MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
    Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
         College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
      Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description and title of LAND 620: Open Space Development I to better reflect the course content being covered in the course. The prerequisite modifications will assist in making sure that all students follow the proper sequence of courses.

Please let me know if you have any questions or concerns about this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions:
1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning

2. Course prefix, number and complete title of course: LAND 621 - Open Space Development II

3. Change requested
   a. Prerequisite(s): From: LAND 620 To: LAND 620 or approval by instructor
   b. Withdrawal (reason):
   c. Cross-list with: Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:


6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 621. Open Space and Land Use Planning II. Projects with various scales; site selection, program formulation, theory, master planning and detailed design applied to topics of community design and development and healthy communities; evidence based design methodology, techniques of professional design documentation and presentation. Prerequisites: LAND 620 or approval by instructor.

7. a. As currently in course inventory:
   
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   Approval recommended by:
   
   [Signature]
   
   Department Head or Program Chair (Type Name & Sign) Date
   Chair, College Review Committee Date
   
   Department Head or Program Chair (Type Name & Sign) Date
   Dean of College Date
   
   [Signature]
   
   Mark J. Zoran Date
   
   Submitted to Coordinating Board by:
   
   [Signature]
   
   Associate Director, Curricular Services Date
   
   Effective Date
   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Texas A&M University
College of Architecture
Department of Landscape Architecture and Urban Planning

LAND 621: Open Space and Land Use Planning II (5 credit hours)
Spring 2011
Class Time: MWF 8:00 am – 11:10 am
Classroom: 300D, Langford Architectural Center.
Instructors: Chang-Shan Huang, Ph.D., ASLA, AICP, RLA
Holder of Harold Adams Endowed Interdisciplinary Professorship in Landscape Architecture and Urban Planning
Office: A 325, Langford Architectural Center.
Telephone: 845-7873
Office hours: MW 12:30 pm – 1:30 pm or By appointment
e-Mail: cshuang@archone.tamu.edu

Prerequisites: Land 620 or approval by instructor

COURSE SYLLABUS

I. COURSE DESCRIPTION

Land 621 is the last graduate design studio course of the design studio sequence for career change MLA students. It is organized to develop an understanding of the various systems that must be integrated through land design. Students are expected to apply this understanding through planning and design of projects of various scales, including project programming, site selection, master planning, site design and detail design.

II. COURSE OBJECTIVES

This course is designed to teach students the following:

1. **Theory and concepts** of community design
2. **Master planning process** for a new community development
3. **Design elements and principles** of a community
4. **Evidence-based design methodology**
5. Concepts and principles of **sustainable healthy communities**
6. **Techniques of professional design documentation and presentations**

III. TEACHING METHODS

The course will be taught primarily through doing real-life projects, plus a series of lectures and seminars along with reading assignments. The projects will be on-going for entire semester.

IV. COURSE EXPECTATIONS AND STUDENT RESPONSIBILITIES

Students of LAND 621 are expected to spend at least 18 hours a week at average in order to complete course assignments. All students in LAND 621 are required to do the following:

1. **Attend all classes. Attendance is mandatory! Absence due to health-related problems, emergency situations, or mandatory participation in university-excused activities may be excused, providing that a written proof is provided.**
2. **Be adequately prepared for instructor's desk critics every time and for class presentations.**
3. **Participate in class or group discussions actively. Students are strongly encouraged to discuss or criticize each other's work both inside and outside the class.**
4. Complete course assignments independently or make your own contribution to a team where team work is required, and submit all the assignments on schedule.

5. Communicate with the instructors actively and inform the instructors of any concerns and suggestions you have for this class in timely fashion.

Please notice: All student projects are property of the department according to the university policy. Although most projects will be returned to students after they are graded, some student projects will be kept by the department for the purpose of accreditation review and as teaching references for future classes. However, those kept projects will be available for students to take photographs for their portfolios.

V. CRITERIA FOR EVALUATION OF STUDENT PERFORMANCE

The student's final grade of this course is determined by the following components and formulas:

A. Studio Projects: 80%
   a. Case study (10%)
   b. Site inventory and analysis (10%)
   c. Master Plan (30%)
   d. Site Design (20%)
   e. Reflection essay (5%)
   f. Quality of graphic and written presentation (20%)
   g. Oral presentation (5%)

B. Instructor's Evaluation: 20%
   a. Self-motivation (20%)
   b. Class attendance and participation (20%)
   c. Time management (20%)
   d. Team work spirit (20%)
   e. Improvement (20%)

Total: 100%

Notes: Late submission of work will result in a reduction of 5% of a full grade for each half hour late.

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at http://student-rules.tamu.edu/rule07.

Grading Policy
A = 90%+, B = 80 to 89.9, C = 70 to 79.9, D = 60 to 69.9, F = below 60

VI. DISABILITIES AND ADA
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.
VII. AGGIE CODE OF HONOR

<table>
<thead>
<tr>
<th>Week No.</th>
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<th>Class Topic and Activity</th>
<th>Weekly Objective</th>
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<tr>
<td>Week 1</td>
<td>01/19 (W)</td>
<td>Course introduction&lt;br&gt;Project introduction&lt;br&gt;Lecture 1: LA Knowledge Structure&lt;br&gt;And Design Pedagogy</td>
<td>Course introduction&lt;br&gt;Process overview</td>
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<td>01/21 (F)</td>
<td>Lecture 2: Design Process&lt;br&gt;Methods of site inventory &amp; analysis&lt;br&gt;Method of design case study&lt;br&gt;Issue site analysis assignment&lt;br&gt;Issue case study assignment</td>
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<td>Site Analysis/Case study</td>
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<td>01/26 (W)</td>
<td>Independent research</td>
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<td>01/28 (F)</td>
<td>Independent research</td>
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<tr>
<td>Week 3</td>
<td>01/31 (M)</td>
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<td>Site Analysis/Case study</td>
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<td>02/02 (W)</td>
<td>Desk critics: case study</td>
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<td>02/04 (F)</td>
<td>Student presentations (2)&lt;br&gt;Case study review</td>
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<td>Week 4</td>
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<td>Design Program Development</td>
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<td></td>
<td>02/09 (W)</td>
<td>Program development (continued)</td>
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<tr>
<td></td>
<td>02/11 (F)</td>
<td>ASLA Workshop</td>
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<tr>
<td>Week 5</td>
<td>02/14 (M)</td>
<td>Student presentations (3): Preliminary design program&lt;br&gt;Lecture 4: Elements and Principles of community design</td>
<td>Master Plan Concept Development</td>
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<tr>
<td></td>
<td>02/16 (W)</td>
<td>Desk critics: Concept development (I)</td>
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<tr>
<td></td>
<td>02/18 (F)</td>
<td>Student presentations (4): Master plan concept(s)</td>
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<td>Week 6</td>
<td>02/21 (M)</td>
<td>Desk critics: preliminary plan (I)</td>
<td>Preliminary Master Plan Development</td>
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<tr>
<td></td>
<td>02/23 (W)</td>
<td>Desk critics: preliminary plan (II)</td>
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<tr>
<td></td>
<td>02/25 (F)</td>
<td>Student presentations (5): Mid-review: preliminary master plan</td>
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Tentative Schedule for Class Daily Activities (continued)

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<th>Date</th>
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<th>Description</th>
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<tr>
<td></td>
<td>02/28</td>
<td>Desk critics: plan revision (I)</td>
<td>Plan Revision &amp; Draft document production</td>
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<tr>
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<td>03/02</td>
<td>Desk critics: plan revision (II)</td>
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<td>03/04</td>
<td>Hort. Field Trip to San Antonio</td>
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<td>Week 8</td>
<td>03/07</td>
<td>Desk critics: Graphic/PPT production</td>
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<tr>
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<td>03/09</td>
<td>Student presentations (6): Preliminary master plan and draft report</td>
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<td></td>
<td>03/11</td>
<td>Mid term reflections</td>
<td>Site design area selection</td>
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<td>Site design concept development</td>
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<td>Week 9</td>
<td>03/14-18</td>
<td>Spring Break</td>
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<td>Week 10</td>
<td>03/21</td>
<td>Desk critics: site design concept (I)</td>
<td>Site design concept</td>
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<td></td>
<td>03/23</td>
<td>Desk critics: site design concept (II)</td>
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<td></td>
<td>03/25</td>
<td>Student presentations (7): Site design concept</td>
<td>Hort Field Trip</td>
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<tr>
<td>Week 11</td>
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<td>Desk critics: Site design development (I)</td>
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<td></td>
<td>03/30</td>
<td>Desk critics: Site design development (II)</td>
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<td>Student presentations (8): Site design</td>
<td>Plan and design Refinement and Finalization</td>
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<td>04/06</td>
<td>Desk critics: Refinement (1)</td>
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<td>04/08</td>
<td>Desk critics: Refinement (2)</td>
<td>Hort Field Trip (Dallas)</td>
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<td>Week 13</td>
<td>04/11</td>
<td>Desk critics: Refinement (3)</td>
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<td>04/13</td>
<td>Desk critics: Refinement (4)</td>
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<td>04/15</td>
<td>Student presentations (9): Completed design package</td>
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<tr>
<td>Week 14</td>
<td>04/18</td>
<td>Graphic/report production (1)</td>
<td>Final document production</td>
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<td>04/20</td>
<td>Graphic/report production (2)</td>
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<tr>
<td></td>
<td>04/22</td>
<td>Graphic/report production (3)</td>
<td></td>
</tr>
</tbody>
</table>
MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
    Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
         College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
      Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description and title of LAND 621: Open Space Development II to better reflect the course content being covered in the course. The prerequisite modifications will assist in making sure that all students follow the proper sequence of courses.

Please let me know if you have any questions or concerns about this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions:
1. Request submitted by (Department or Program Name): Landscape Architecture & Urban Planning
2. Course prefix, number and complete title of course: LAND 646 - Professional Practice
3. Change requested:
   a. Prerequisite(s): From: To:
   b. Withdrawal (reason):
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description: LAND 646. Professional Practice. Introduction to the procedures, project management and ethical framework in which professional landscape architectural practice occurs; topics include proposal preparation, fee structures, forms of practice, project management and contract documents. Prerequisites: Graduate classification and approval of instructor.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 646. Professional Practice. Introduction to the procedures, project management and ethical framework in which professional landscape architectural practice occurs; topics include forms of practice, employment issues, proposal preparation, fee and contract structures, project management, roles of the landscape architect, presentations and public participation, legal and ethical responsibilities. Prerequisites: Graduate classification and approval of instructor.

7. a. As currently in course inventory:

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<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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<tbody>
<tr>
<td>LAND</td>
<td>646</td>
<td>PROFESSIONAL PRACTICE</td>
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Lect. | Lab | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
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b. Change to:

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<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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Lect. | Lab | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
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</table>

Approval recommended by: [Signature]

Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date
(If cross-listed course)
Dean of College Date

Submitted to Coordinating Board by:
[Signature]
Associate Director, Curricular Services Date
Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu. 68 of 95 C
Curricular Services – 02/11
LAND 646 - 600
PROFESSIONAL PRACTICE
3 credit hours
SPRING SEMESTER 2011
Rev. 19 Jan 2011

Class Time:  Monday, Wednesday, Friday, 11:30 a.m. – 12:20 p.m.
Classroom:  C207 Langford Architecture Center
Instructor:  Eric Bardenhagen, Ph.D, RLA
Langford A386, Tel 458-3414
bardenhagen@tamu.edu

OFFICE HOURS:  Tuesday & Thursday 1-3 p.m. or by appointment.

I. Course Intent:

A great landscape architect is a gifted practitioner that is able to successfully translate the needs and desires of a client into built, preserved or enhanced landscapes. This needs to be done while also balancing physical, environmental, social (political) and economic forces. To do this requires training that goes beyond the traditional design and construction course sequence. This training focuses on translating, synthesizing and presenting information in ways that will allow you to provide quality planning and design services that are of benefit to your client, the broader society and the natural landscape itself.

II. Course Description:

This course will address those aspects of business and project management normally encountered in the conduct of typical, contemporary office practice. Through lectures, readings and assigned projects you will be introduced to the basic business and management aspects of professional landscape architectural practice. The fundamentals of the landscape architect's relationship to clients, employers, the general public welfare, related professionals, agreements, project organization and administration, construction documents, procedures and administration, construction and professional licensure will be covered. The course content is directed toward preparing you for advanced placement responsibilities and early success upon entering the profession after graduation.

Material for the course will be discussed in lectures and reinforced through the assigned exercises. The purpose of the assignments is twofold: to give you the opportunity to better understand the material through individual work, and to engage you in producing the products and services normally encountered in contemporary office practice.

There will also be opportunities to attend public meetings and lectures within the area that are relevant to the study of the practice of landscape architecture. Attendance at and summaries of these meetings is intended to introduce you to the workings of public process and public presentations; one of the important arenas in which we as landscape architects work.

Prerequisites: Graduate classification and approval of instructor.

III. Course Objectives:

The two primary objectives of this course include:
1. The ability to communicate effectively through multiple mediums and to multiple audiences is of critical importance to a landscape architect, and often a factor in one's success or failure as a professional. This course will provide an opportunity to improve these basic skill sets that are needed to communicate effectively as a landscape architect.

2. To provide an introduction to the many complexities that enter into daily practice that often fall outside of traditional design studios. The ability to balance the design, business, legal/ethics, and project management aspects of providing professional services in the marketplace is essential today.

IV. Course Topics:

Assessing Skills, Identifying Firms and Securing Employment
- Job Searches, Portfolios, Interviewing and Correspondence
- Firm Types
- Client Types
- Basic forms of communication for the LA

Obtaining Projects
- Marketing and Finding Work
- RFP Response
- Proposal Writing
- Project Interviews and Presenting Your Work
- Contracts
- Fee Structures

Project and Office Management
- The Life Cycle of Projects
- Project Management
- Multi-disciplinary Team Leadership
- Public Participation
- Legal, ethical and professional responsibilities
- Office Procedures, Human Resource Issues, Compensation and Advancement
- Preparing for, and taking the L.A.R.E. and other Certifications

V. Assignments

Class assignments are designed to strengthen lecture topics and to provide students with hands-on applications that can be integrated into their portfolio or drawn upon as they progress in their career. Assignments are as follows:

- Student Bio
- Letter of interest and personal resume
- Portfolio of classroom and professional internship work
- Interview analysis and follow-up letter
- Proposal for professional services (group project)
- 1-2 page analysis following Rowlett lecture
- Project cost estimate
- Project plan document structure and outline
• LAND exit survey
• Second 1-2 page analysis following attendance at a lecture or public meeting of student’s choice
• Case study of an award-winning design project from award archive (http://aslatx.tamu.edu)
  Only MLA students will receive this assignment.

VI. Written Work

This course is listed as a university “W” or writing intensive course that is intended to strengthen a student’s abilities in communication through primarily written works. As a result, many of the exercises and assignments given in this course will require significant amounts of writing.

Good writing is not the result of one single heroic effort by an inspired individual. Rather, it is an iterative process by which drafts are refined again and again until the product is clear, concise and is appropriate to its intended use. To many design students as well as professionals, writing does not come as a natural skill and as a result, it may be more time consuming than you initially anticipate. Work on assignments earlier rather than later in order to allow adequate time to fully develop your ideas or proposals.

To promote this iterative learning process, one that is present in the practice of landscape architecture, assignments that have been submitted on time and graded may be resubmitted once for further review and additional grade consideration during the semester. One full grade increase above the original score is the maximum gain that can be obtained from this. Students are encouraged to utilize the services of the University Writing Center or the Career Center to improve their understanding of the material and their grade in the course, and to improve the quality of their document reference file. The latest date that work may be resubmitted for additional grade consideration will be two weeks after the original due date.

VII. Performance Evaluation

In professional practice, few things will be more detrimental to your client relationship or opportunities for continued advancement than not submitting your work on time. Late submissions will receive a 10% points penalty and after two weeks beyond the due date/time, will be considered incomplete. Any circumstances necessitating a deferred time or date for submission must be arranged with the instructor in advance of the originally established due date and time.

Performance evaluation in this course will be structured according to the following:

<table>
<thead>
<tr>
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<th>%</th>
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<tbody>
<tr>
<td>Assignments</td>
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</tr>
<tr>
<td>Class Contribution</td>
<td>10</td>
</tr>
<tr>
<td>Quizzes (9)</td>
<td>15</td>
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<tr>
<td>Final exam</td>
<td>15</td>
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<tr>
<td><strong>Total</strong></td>
<td>100</td>
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</table>

Class assignments will be weighted according to the time spent on them during the semester (e.g. an assignment requiring two weeks to complete will have twice the value of a project requiring one week to complete).

Assigned readings outlined in the course schedule should be completed PRIOR to class on Monday of that week. This will allow for greater discussion during the class about the assigned topic.
Grading Policy
A = 90%+, B = 80 to 89.9, C = 70 to 79.9, D = 60 to 69.9, F = below 60

Attendance Policy
The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at http://student-rules.tamu.edu/rule07.

VIII. Required and Reference Texts

Reading materials for this course will be drawn from several references as listed below. These will be made available to students through the course e-learning website or as reserve items in the TRC.


*Writing for Design Professionals.* by Stephen A. Kliment

*Ready, Set, Practice.* by Bruce G. Sharky

*Managing Brainpower* (Three book set). By Chuck Thomsen

*Portfolio Design.* By Harold Linton (TRC reserve)

Selected short readings on professional responsibilities and ethics from ASLA

IX. ACADEMIC INTEGRITY:

The Aggie Honor Code states, “Aggies do not lie, cheat, or steal or tolerate those who do.” Students are expected to uphold the highest level of honesty and integrity in all their interactions, and particularly so in the pursuit of knowledge. For the Aggie Code of Honor and explanations of academic integrity and its responsibilities, see http://www.tamu.edu/aggiehonor

Students are cautioned about copying work that was not their own effort and any other act that constitutes plagiarism. Plagiarism is any act that reproduces another person’s ideas, words, writings, drawings, photographs, digital media etc., and represents it as being original work. You are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have permission of that person. Rules governing plagiarism can be found in the latest edition of the Texas A&M University Student Rules governing Scholastic Dishonesty.

X. ADA POLICY:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.
## XI. COURSE SCHEDULE (TENTATIVE)

<table>
<thead>
<tr>
<th>LAND 646 - SPRING 2011 COURSE SCHEDULE</th>
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<tbody>
<tr>
<td>DATE</td>
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<td>Week 1</td>
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<td>Week 14</td>
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MEMORANDUM

Date: October 14, 2011

To: Dr. Mark J. Zoran, Chair
    Graduate Council

Through: Leslie Feigenbaum, Assistant Dean for Academic Affairs
         College of Architecture

From: Dr. Ming-Han Li, Professor and Associate Department Head
      Department of Landscape Architecture and Urban Planning

The Department of Landscape Architecture and Urban Planning recommends changing the course description of LAND 646: Professional Practice to better reflect the course content being covered in the course.

Please let me know if you have any questions or concerns about this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Request submitted by (Department or Program Name): Department of Landscape Architecture and Urban Planning
2. Course prefix, number and complete title of course: LAND 684 - Professional Internship
   Attach a brief supporting statement for changes made to items 3a thru 5d and 6 below.
3. Change requested
   a. Prerequisite(s): From: None To: Approval of faculty
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:
5. Complete current course title and current catalog course description: LAND 684. Professional Internship. Professional practice under approved arrangement with public or private agencies. Off-campus internships are limited to a maximum of 8 credit hours per semester.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 684. Professional Internship. LAND 684 is sequenced for graduation; must be completed prior to the final year of advanced study in the summer, student is required to take a work position in an approved office for a minimum of ten weeks at forty hours/week.

7. a. As currently in course inventory:
   Prefix | Course # | Title (excluding punctuation) |
   LAND | 684 | PRO | F I R N S H P |
   Lect. | Lab | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
   0 | 8 | 0 | 0 | 8 | 0 | 4 | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 6 | 1 | 6 | 9 | 4 | 0 | 0 | 3 | 6 | 3 | 2 | 5 |

   b. Change to:
   Prefix | Course # | Title (excluding punctuation) |
   Lect. | Lab | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
   Approval recommended by: __________________
   
Department Head or Program Chair (Type Name & Sign) __________________________ Date __________
Chair, College Review Committee __________________________ Date __________
Department Head or Program Chair (Type Name & Sign) __________________________ Date __________
(if cross-listed course)

Submitted to Coordinating Board by: __________________
Associate Director, Curricular Services __________________________ Date __________

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 02/11
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Request submitted by (Department or Program Name): Department of Landscape Architecture and Urban Planning
2. Course prefix, number and complete title of course: LAND 685 - Directed Study
3. Change requested
   a. Prerequisite(s): From: None  To: Approval of faculty
   b. Withdrawal (reason): 
   c. Cross-list with: 
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 685. Directed Study. Advanced study in an individual landscape architecture course with a selected faculty member; focus on a topic mutually derived by the student and faculty member; requires the production of a professional response solution.

7. a. As currently in course inventory:

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<th>Prefix</th>
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b. Change to:

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<th>Title (excluding punctuation)</th>
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<th>Lab</th>
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<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
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Approval recommended by: [Signature]

Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date
(if cross-listed course)
Dean of College Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 02/11
# Texas A&M University

## Departmental Request for a Change in Course

**Undergraduate • Graduate • Professional**

- Submit original form and attachments -

### Form Instructions

1. Request submitted by *(Department or Program Name):* Department of Landscape Architecture and Urban Planning
2. Course prefix, number and complete title of course: LAND 693 - Professional Study
3. Change requested:
   a. Prerequisite(s): From: Approval of committee chair To: Approval of Land Faculty
   b. Withdrawal (reason):
   c. Cross-list with: Cross-listed courses require the signatures of both department heads
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
4. For informational purposes only, please indicate course number if this course will be stacked:
5. Complete current course title and current catalog course description: LAND 693. Professional Study. Approved professional study project undertaken as the terminal requirement for the master of landscape architecture degree. Preparation of a record of study summarizing rationale, procedure and results of the completed activity. Prerequisite: Approval of committee chair.
6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): LAND 693. Professional Study. Terminal studio to be taken by the qualified master of landscape architecture candidate; requires preparation of a proposal describing the topic, an outlined method, procedures and timeline to be submitted to committee; approved and completed study requires a defense and separate public presentation.

### Currently in course inventory:

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Approval recommended by: [Signature]

Department Head or Program Chair *(Type Name & Sign)* Date

Chair, College Review Committee

Department Head or Program Chair *(Type Name & Sign)* Date

Dean of College

Submitted to Coordinating Board by: Mark J. Zoran

Date 11-3-11

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

1. Request submitted by (Department or Program Name):
   Department of Marketing

2. Course prefix, number and complete title of course:
   MKTG 613 Marketing Management

3. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason):
   c. Cross-list with:
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description:

   Marketing Management. Core MBA marketing class examines history of marketing, environment that impacts marketing decisions of firms and consumers, buyer behavior, marketing ethics, marketing research, market segmentation, product positioning, and strategic challenges associated with integrating major marketing mix decision elements: product, price, distribution, and promotion.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

   Marketing Management. Core MBA marketing class examines history of marketing, environment that impacts marketing decisions of firms and consumers, buyer behavior, marketing ethics, marketing research, market segmentation, product positioning, and strategic challenges associated with integrating major marketing mix decision elements: product, price, distribution, and promotion.

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Approval recommended by:

P. Varadarajan

Department Head or Program Chair (Type Name & Sign)  Date

Chair, College Review Committee

Dean of College

Chair, Go or UCC

Mark J. Zoran

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.

Curricular Services – 02/11

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Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
* Submit original form and attachments *

1. Request submitted by (Department or Program Name):
   Department of Marketing

2. Course prefix, number and complete title of course:
   MKTG 621 Survey of Marketing

3. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked: ____________________________

5. Complete current course title and current catalog course description:
   
   Survey of Marketing. Marketing concepts and functions from the point of view of the organization and the economy.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

   Survey of Marketing. Marketing concepts and decisions associated with developing marketing strategies. Topics include product, pricing, distribution, and promotion.

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   Approval recommended by:

   P. Varadarajan 09/11/11

   Department Head or Program Chair (Type Name & Sign) Date

   Chair, College Review Committee 10/4/11

   Dean of College Date

   Chair, Grad or UCC 11-3-11

   Dean of College Date

   Associate Director, Curricular Services

   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu

   Curricular Services – 02/11

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Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

1. Request submitted by (Department or Program Name):
Department of Marketing

2. Course prefix, number and complete title of course: MKTG 650 Analyzing Consumer Behavior

3. Change requested
a. Prerequisite(s): From: ___________________________ To: ___________________________

b. Withdrawal (reason):

   Cross-listed courses require the signature of both department heads.

c. Cross-list with:

   ___________________________

   ___________________________

d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description:
Analyzing Consumer Behavior: Theoretical and empirical material on consumer behavior; personality, social class and perception by consumers. Classification 6 students may not enroll in this course.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Analyzing Consumer Behavior. Concepts, theories, and techniques applicable to obtaining a sophisticated and empirically-based understanding of consumer motivation, attitudes, decision-making processes, and responses to marketers' actions. Applying consumer psychology and behavioral decision making for managerial and public policy insights.

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Approval recommended by:
P. Varadarajan 09/21/11

Chair, College Review Committee 10/4/11

Dean of College 11-3-11

Chair, GC or UCC

Mark J. Zoran

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 02/11

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Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

- Submit original form and attachments -

1. Request submitted by (Department or Program Name):
   Department of Marketing

2. Course prefix, number and complete title of course:
   MKTG 656 Marketing Communications Management

3. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason):
   c. Cross-list with: ____________________________ (Cross-listed courses require the signature of both department heads.
   d. Change in course title and description: Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description:
   Marketing Communications Management. Communication processes, diffusion of innovation, customer response processes, and promotion tools including advertising, packaging, personal selling and sales management, sales promotion, and public relations.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Branding and Marketing Communication. Customer-based brand equity and positioning, brand objectives, communication processes, customer decision stages, creative and media strategies including traditional, grassroot, and social media, measuring advertising effectiveness and return on marketing investment.

7. As currently in course inventory:

   Prefix | Course # | Title (excluding punctuation)
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   MKTG 656 | MKTG COMMUNICATIONS MGMT

   Level

   a. Change to:

   Prefix | Course # | Title (excluding punctuation)
   ------ | -------- | --------------------------------------
   MKTG 656 | BRAND ING AND MKTG COMM

   Level

   Approval recommended by:

   Chair, College Review Committee
   Dean of College
   Chair, GC or UCC

   Questions regarding this form should be directed to Sandra Williams at 845-8202 or sandra.williams@tamu.edu.
Texas A&M University  
Departmental Request for a Change in Course  
Undergraduate • Graduate • Professional  
* Submit original form and attachments *

1. Request submitted by (Department or Program Name): Department of Marketing

2. Course prefix, number and complete title of course: MKTG 671 Product Innovation

3. Change requested

   a. Prerequisite(s): From: ___________________________ To: ___________________________
   
   b. Withdrawal (reason):

   c. Cross-list with: ___________________________________________________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description:

   Product Innovation. Understanding of consumer needs and translating them into new products and services whose design and presentation convey satisfaction of these needs

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

   Product Innovation. Strategy and management of the new product development process, portfolio management, and innovation charters for new products. Other topics include creativity, trade-off analysis, concept testing, design and launch.

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   Approval recommended by: 

   Varadarajan 09/21/11

   Department Head or Program Chair (Type Name & Sign) Date

   Chair, College Review Committee 10/4/11

   Dean of College 11-3-11

   Chair, GC or UCC Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 02/11
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments •

1. Request submitted by (Department or Program Name): Department of Marketing

2. Course prefix, number and complete title of course: MKTG 675 Marketing Strategy

3. Change requested
   a. Prerequisite(s): From: ______________________ To: ______________________
   b. Withdrawal (reason): ______________________
   c. Cross-list with: ______________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked: ______________________

5. Complete current course title and current catalog course description: Marketing Strategy. Marketing management as it relates to overall organization goals; marketing concepts and functions integrated with other organizational functions, tactics and strategies.

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words): Marketing Strategy. Marketing management as it relates to overall organizational goals; marketing strategy concepts and interdependencies with strategy at the corporate and business unit levels and in other functional areas; impact of digital technologies and environmental sustainability on marketing strategy.

7. a. As currently in course inventory:

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Approval recommended by: ______________________

P. Varadarajan
Department Head or Program Chair (Type Name & Sign) ______________________

Submitted to Coordinating Board by: ______________________

Date ______________________

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 02/11

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