AUTUMN 2014
Graduate Landscape Architecture

CRPLAN 2700/6700: Advanced Graphics: Multipage Document Design (Session 1)
Cartwright

Advanced work in creating multipage documents with an emphasis on portfolios. This 7-week course will be used to begin the process of building a professional portfolio using graphic design principles through hands on practice.

**Prereq:** Basic knowledge of Adobe InDesign is required.

1 credit hour

CRPLAN 2700/6700: Visualizing Planning Topics Using Trimble Sketchup (Session 2)
Cartwright

This workshop is designed to introduce 3D modeling as a tool for communicating planning topics such as visualizing zoning, urban density, and future project conceptualization. Trimble Sketchup, a free 3D modeling program, will be used as an armature to create visualizations during the course.

1 credit hour

CRPLAN 5001: Introduction to GIS
Cartwright

Introduction to the basic principles of geographic information systems and their use in spatial analysis and information management.

**Prereq:** Sr or Grad standing. Not open to students with credit for 607. Cross-listed in CivilEn 5001.

4 credit hours

CRPLAN 5010: Historic Preservation Planning (Session 1)
Nancy Recchio

Cities are rich in history. Policies, incentives and planning aid in preserving unique historic character and heritage of cities.

**Prereq:** Sr or Grad standing. Not open to students with credit for Arch 604.

3 credit hours
CRPLAN 5420: Planning Places with People in Mind  
Nasar

People experience places in many ways. Design, plan, and manage places of different types and scales to create quality experiences for the public.

Prereq: Sr or Grad standing. Not open to students with credit for 732 or 733.

3 credit hours

CRPLAN 5500: Energy Planning  
Burton

Energy makes cities run, from renewable and non-renewable sources. Energy is a driving opportunity and constraint in urban development.

Prereq: Grad standing, or 3000. Not open to students with credit for 720.

3 credit hours

CRPLAN 5700: Urban Transportation Demand Forecasting  
Viton, Mishalani

Introduction and applications for quantitative demand forecasting in urban transportation.

Prereq: Math 1118 or equiv, or Grad standing. Not open to students with credit for 775 or CivilEn 5700 (775). Cross-listed in CivilEn.

3 credit hours

CRPLAN 5900: Food System Planning and the Economy  
Jill Clark

The purpose of this course is to build knowledge of the food system from local planning and policy and applied economic perspectives. The food economy, planning and policy have traditionally been considered a national domain, and has dealt with issues such as public health, nutrition, anti-hunger, food safety, food labeling, international trade and food aid. In the past several years, however, food has been recognized as an issue for local governance, planning and economic development. Community food governance and planning (or lack thereof) affects the ways that people produce, obtain, consume and dispose of their food. Food decisions affect where and how food can be grown, where and how food can be accessed, and how food is integrated into broader community goals.

The intent of the course is to familiarize students with key players and issues related to the practice of food system planning (the process and practice of creating and implementing food policies) and how this practice interfaces with the economy - and to place these issues in a global context. Further, basic issues in our conventional food system (production, distribution, marketing, and disposal of food), particularly with regard to those elements that may be influenced by civic action and public regulation, will be addressed. Building on these basic issues, the course will provide the fodder to examine and critique alternatives to this system (e.g., urban farming, local foods, direct markets, civic agriculture). The class is structured to develop and challenge participants? thinking through readings, lectures,
interaction with participants in alternative food system, and structured discussion. At the end of the class, students should have an increased understanding of food systems as a planning and community development topic.

**Prereq:** Instructor consent required for undergraduates. Not open to students with credit for AEDEcon 5900 or CRPlan 5900. Cross-listed in AEDEcon and CRPlan.

3 credit hours

**CRPLAN 6410: Planning for Sustainable Development**  
Conroy

Sustainable development is a broad concept; translated into reality through relevant theory and the implementation of key design, policy and project based solutions. This course was originally scheduled to meet online. It will now meet in person.

**Prereq:** Grad standing, or permission of instructor. Not open to students with credit for 724.

3 credit hours

**CRPLAN 6420: Infrastructure Planning: Foundations of Low Impact Development (LID) (Online)**  
Wayne Carlson

This course introduces students to infrastructure planning principles through the lens of green stormwater infrastructure and low impact development (LID).

The planning and design of green stormwater infrastructure is inextricably wedded with other urban infrastructure including transportation facilities, water/wastewater infrastructure, and parks and recreation resources. This course will discuss the interconnectedness of infrastructure systems and their relevance to the city.

The course will explore the history of LID as a stormwater management strategy internationally and nationally by examining the environmental regulations that have spurred the practice of LID and connections with other legislation related to environmental protection and endangered species protection.

Evidence will be presented that LID can be a cost effective method for stormwater management. Students will be introduced to LID best management practices and general rules of thumb as to their applicability for various sites as a foundation. Students will be taught the basics of site assessment, be introduced to the myriad regulations and that may pose impediments to the use of LID, and interact with design teams to learn lessons from previously constructed LID designs.

Through lectures, readings, weekly on-line discussion, assignments, and a field trip, students will:

- Explore the legal foundations requiring stormwater management
- Learn the history of LID as a stormwater management strategy
- Be introduced to LID science and best management practices
- Learn why LID can be a cost effective method for managing stormwater
- Learn financing mechanisms for stormwater improvements and the degree to which the resources can be leveraged for the construction of non-stormwater infrastructure improvements
- Learn how environmental policies such as regional initiatives and local regulations impact the ability to apply LID at various project sites
• Learn how stormwater management impacts ecological processes and habitat
• Learn the basics of site assessment
• Prepare a plan that integrates LID into the standards of a local municipal code for a city or county selected by the student

3 credit hours

CRPLAN 6610: Grant Writing in the Public Sector
Burru

Public officials rely on grants to help fund their grand plans. Planners find grants, prepare proposals, and manage grants to effectively support public projects.

**Prereq:** Grad standing, or permission of instructor. Not open to students with credit for 837 or PubPolM/PubAfrs 880.06. Cross-listed in PubAfrs 7501.

3 credit hours

CRPLAN 6910: Comprehensive Planning Studio
Burton

Two projects are currently under consideration – the final project will be selected at the end of May/beginning of June.

Project 1 would involve preparing a Natural Hazards Mitigation Plan for a county in Central Ohio (or nearby), and the client would be the Ohio EMA. Project 2 would involve preparing an update to a Comprehensive Plan for a community (City, Village or Township) in Central Ohio (or nearby). Both projects are comprehensive in nature and are real-world projects that planners prepare in the public and private sectors.

**Prereq:** 6400 (745) and 6500 (762), or permission of instructor.

6 credit hours

CRPLAN 7500: Resolving Social Conflict
van Maasakkers

Conflict is a fact of social life. Whether we want to or not, most of us are likely to encounter a variety of conflicts, in our personal lives, in our workplaces, and in the communities in which we live. But how do we deal with conflict? What are the (most) appropriate strategies to analyze and intervene in conflicts, in order to achieve outcomes that are fair, stable, efficient, and wise?

To answer these questions, students will investigate the theory and practice of social conflict transformation, with an emphasis on negotiation and consensus building. Theoretical frameworks like interest-based negotiation, conflict (re-)framing and the mutual gains approach are introduced. The course entails a significant practical component, in which students can develop their negotiation, facilitation and mediation skills.

The course includes a wide range of disputes, with an emphasis on conflicts in the public sphere. The examples of conflicts discussed in class range from organizational disputes to international crisis negotiations.
**Prereq:** Grad standing, or permission of instructor. Not open to students with credit for 750, ENR 750, or BusAdm 750. Cross-listed in ENR and BusMHR.

3 credit hours