May 2013

CRPLAN 5100: Basic Video Editing for Planners and Designers

Cartwright

As a tool to communicate ideas, planners and designers use a variety of tools for print and digital media. One medium that is often overlooked is the use of videos. To facilitate the use of video in advancing communication techniques, Adobe Premiere Elements will be taught in a lab/lecture setting. For one week, the condensed course will work through the techniques and theory of how nonlinear video editing software can enhance the dissemination of information.

1 credit hour

CRPLAN 5100: Videography for Professional Use in the Built Environment

Cartwright

Video is permeating our society on every level--some create videos every day for fun and entertainment, while others use video to inform and educate about current events, new ideas, and social issues to influence human progress. In all video communication, the style of communication is central to the audience receiving the message. By the end of this course, you will be able to create a video communication plan for a set of ideas. During the first two weeks of the course, we will review videos on discussing the built environment, analyzing them for strengths and weaknesses to help develop new ideas for educating audiences about the built environment. The second two weeks of the term we will develop these ideas by creating storyboards and pre-production content. The final assignment in the course will be a short video to pitch ideas for a longer video to be used in future courses.

2 credit hours

CRPLAN 5798: Planning Study Abroad

Greene

The Ghana Sustainable Change Program, in its 4th year, takes its 3rd trip to Ghana’s Offinso North District in the Ashanti Region for a field studio. Work with local civic leaders, citizens, and university students to address community challenges. Students must register for credit through buckeyelink as well as apply through the Office of International Affairs in order to participate.

3 credit hours
CRPLAN 5890: TechniCity Workshop

Evans-Cowley

We are part of the 'TechniCity'. The increasing availability of networks, sensors and mobile technologies allows for new approaches to address the challenges that our cities face. The way we understand cities is undergoing sweeping transformation, right along with the analytical tools we use to design our cities and the communication tools we use to engage people. Absorbing, studying and understanding the role of technology from a critical viewpoint allows us to generate creative ideas for improving our cities. This is a completely online course where you will be engaging from students from across the globe. See coursera.org/course/techcity for more details. You must enroll through OSU to receive course credit.

3 credit hours

CRPLAN 8890: Applications of Spatial Econometrics in Planning

Wang

Introduces spatial statistical models of data analysis using several spatial statistical packages in R and MATLAB. Spatial statistics operationalize the first law of geography: "everything is related to everything else, and the near things are more related than distant things." Within planning and other fields, spatial statistical models thus allow for the incorporation of the notion of neighborhood into inference. After this course, you will be able to use R to define an appropriate neighborhood structure corresponding to your research interest, and then to know how to convert that structure into a spatial weight matrix to account for the spatial autocorrelation. Furthermore, you will learn how to use spatial autoregressive models (SAR), spatial error models (SEM), spatial autocorrelation models (SAC), spatial panel models and spatial probit models and know how to interpret the results.

3 credit hours
Summer 2013

CRPLAN 6890: Visualizing Planning Topics using Google Sketchup

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. Google Sketchup, a free 3D modeling program, will be used as an armature to create visualizations during the course.

1 credit hour