**Analysis for Community Planning**

**PLAN 7012**

Fall 2017

Class Sessions: Thu. 1:30 - 4:30

Dr. Charlie Santo

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210 McCord Hall

Office Hours: Wed. 1:00 - 4:00 pm or by appointment

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This course will introduce methods used in the assessment of current socio-economic conditions of communities, trend analysis, and forecasts of future population and employment for the purpose of developing comprehensive plans and other analyses common to the planning profession.

# Course Objectives

Upon completing this course, students can be expected to:

* Understand the methods and techniques commonly used to collect, analyze, and forecast demographic and economic data
* Be proficient with different sources of data available on population and economic activity.
* Know how to analyze and interpret demographic and economic data to identify and address problems
* Know how to convey information regarding demographic and economic changes
* Understand how changing social and economic conditions affect the structure and function of urban settlements
* Understand the role of social and economic data in the plan making process

**Required Texts and Reading**

* Klosterman, R. (1990). *Community Analysis and Planning Techniques.* Rowman & Littlefield Publishers. (ISBN: 0-8476-7651-X)
* Supplemental journal articles and other readings to be made available throughout the semester

**Assignments and Grading**

Course grades will be based on the following projects:

* **Planning District Demographic Profile (multi-part group team assignment) 60%**
* **Metropolitan area demographic profile and population projection 20%**
* **Class participation 10%**

*\*\*Further details regarding assignments will be provided in class. These assignments may be revised or augmented as necessary.\*\**

**Grading Scale:**

# Policies

Plagiarism and academic dishonesty will not be tolerated. Academic dishonesty will be dealt with in accordance to the University’s Code of Student Conduct. Expectations for academic integrity and student conduct are described in detail on the website of the Office of Student Conduct (<http://www.memphis.edu/studentconduct/>).

The classroom will be a place that is hospitable to all students. Students with disabilities will be accommodated in accordance to University policies. If you require assistance obtaining particular resources for your education, please see me.

**Class Schedule**

Students are expected to come to class prepared to discuss the assigned readings. All dates and assigned readings are tentative and subject to revision.

| **Wk** | **Date** | **Topic and Readings** | **Assignments Given** | **Assignments Due** |
| --- | --- | --- | --- | --- |
| 1 | Aug 28 | * Course overview and purpose
* Introduction to demographic analysis and US Census data
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|  |
| 2 | Sep 7 | Workshop:* Compiling city/county reference data
* Compiling historical data (1960, 70, 80, 90)
* Understanding our census geography
* Census geography changes over time
* **Assign topic teams**
 | 1. City/County reference data by topic teams |  |
|  | Pick one of the “Community Plans” from Nashville Next and review the sections under the headings “XYZ Community Demographic Information” and “XYZ’s Role in the County and Region.”<http://www.nashville.gov/Government/NashvilleNext/Community-Plans.aspx>Myers, D. (1992). Ch. 2: Using Census Data for Local Portraits. In *Analysis with Local Census Data: Portraits of Change*. Academic Press. <https://umdrive.memphis.edu/casanto/www/7012_readings_files/myers_2.pdf>Myers, D. (1992). Ch 4: Data Available for Local Area Analysis (***up to pg 70 only***). In *Analysis with Local Census Data: Portraits of Change*. Academic Press. <https://umdrive.memphis.edu/casanto/www/7012_readings_files/myers_4.pdf> Almost Everything You Wanted to Know About Making Tables and Figures<http://abacus.bates.edu/~ganderso/biology/resources/writing/HTW_Guide_Table-Figures_9-30-08.pdf>  |
|  |
| 3 | Sep 14 | Work Review:* Citywide data *– check in with UMDC Staff*
 |  | 1. City/County reference data by topic teamsDUE MONDAY Sep 18 |
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| 4 | Sep 21 | Workshop:* Accessing District Data (current)
 | 2.Current District data (by topics teams, by neighborhood) |  |
|  |  | Roberts, S. (2010, Jan 6). No longer majority black, Harlem is in transition. *The New York Times.* [*http://www.nytimes.com/2010/01/06/nyregion/06harlem.html*](http://www.nytimes.com/2010/01/06/nyregion/06harlem.html)Payne, L. (2010, Jan 8) Is Harlem no longer black? *The Root*[*http://www.theroot.com/articles/culture/2010/01/is\_harlem\_no\_longer\_black/*](http://www.theroot.com/articles/culture/2010/01/is_harlem_no_longer_black/)Renn, A. (2099, October 18) The White City. *New Geography*[*http://www.newgeography.com/content/001110-the-white-city*](http://www.newgeography.com/content/001110-the-white-city) |
|  |
| 5 | Sep 28 | Work review:* Current district data

Workshop:* Accessing historic district data
* Determining which variables we can/can’t get
 | 3.Historic District Data  | 2.Current District data (by topics teams, by neighborhood)DUE MONDAY Oct 2 |
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| 6 | Oct 5 | Work review:* Historic district data

Workshop:* Thematic mapping of demographic data
 | 4. Thematic Maps |  |
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| 7 | Oct 12 | Workshop:* Ongoing work products*– check in with UMDC Staff*
 |  | 3.Historic District DataDUE MONDAY Oct 16  |
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| 8 | Oct 19 | Workshop:* Presenting demographic data (tables and narrative)
 | 5. Final Demographic Profile | 4.Thematic Maps |
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| 9 | Oct 26 | Workshop and Work Review* Presenting demographic data (tables and narrative)
 |  | 5.1.***DRAFT*** Demographic ProfileDUE MONDAY Oct 30 |
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| 10 | Nov 2 | Workshop and Work ReviewPresenting demographic data (tables and narrative) |  | 5.2. ***FINAL*** Demographic Profile DUE MONDAY NOV 6 |
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| 11 | Nov 9 | Population Projection Techniques |  |  |
|  |  | Kaiser, E., Godschalk, D. and Chapin, F. (1995). Ch 5: Population. In *Urban Land Use Planning*. University of Illinois Press. <https://umdrive.memphis.edu/casanto/www/7012_reading_files/kaiser.pdf> Isserman, A. (2007). Forecasting to learn how the world can work. In *Engaging the Future: Forecasts, Scenarios, Plans, and Projects*. Lincoln Institute of Land Policy. <https://umdrive.memphis.edu/casanto/www/7012_reading_files/isserman.pdf>Klosterman Ch 4 & 8 (skim 5-7) |
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| 12 | Nov 16 | Cohort Component Model (Population Projection) | 6. Population Projection |  |
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| 13 | Nov 23 | No Class -- Thanksgiving |  |  |
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| 14 | Nov 30 | Cohort Component Model (Population Projection) |  |  |
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| 15 | Dec 7 | No Class -- Study Day |  | 6. Population ProjectionDUE MONDAY Dec 11 |