

MW 9:05-10:20 am  
Location: New East 305  
Office hours: by appointment

Instructor: Dr. Allie Thomas  
email: [alainna@email.unc.edu](mailto:alainna@email.unc.edu)

### **FALL 2018 PLAN 823 TRANSPORTATION PLANNING WORKSHOP**

Clients: City of Durham, Planning and Transportation Departments

#### **Deliverables: Guidelines for multimodal traffic impact analysis.**

##### **Background**

The City of Durham is looking to update its traffic impact analysis to include alternative modes of transportation. Currently the TIA only takes into consideration motorized modes. The main concerns for creating an MMTIA are (1) data collection (2) time needed (3) methodologies.

##### Key learning objectives:

1. Developing a work plan and meeting your clients' needs in a realistic manner.
2. Developing a task list to support larger deliverables
3. Working independently and within a group
4. Professional report writing – integrating multiple parts into one comprehensive report.
5. Professional presentation skills
6. Utilizing known and new research methods in new ways
7. Exposure to how transportation access and economic development are linked.

##### Key products:

1. Guidelines for City of Durham to implement an MMTIA
2. Best practices in the United States and North Carolina on MMTIAs
3. Analysis of new technique on an existing project.

##### **Student Responsibilities**

Given the small class size, students will work in one of three small teams (2-4 students per team), under the direction of a student team “lead.” Each team will focus on one of the tasks listed above.

One student will float among the three teams and act as the workshop project manager. Their additional tasks include acting as the main communications liaison between teams and between client and instructor; managing and updating a group library/resource folder; acting as editor-in-chief for the workshop report.

By the third week of class, each project lead will produce a detailed scope of work that lists individual sub-tasks, data requirements, costs (if-any), description of project deliverables and a tentative research and writing timeline.

Students should expect to spend approximately 10 hours per week on workshop activities inclusive of class time. Classes will meet regularly for all weeks during the semester. During class time each team lead will report on progress to the team and will be asked to make periodic in-class presentations of work in progress, draft presentations, and/or vexing issues in need of group feedback. Each team will be asked to lead two skills classes (1 hour max.), sharing insights and expertise with the class. A portion of class time will also be devoted to open-ended individual work on specific project tasks. Students should expect to make presentations to the client and make written reports.

##### **Faculty Responsibilities**

Dr. Allie Thomas will serve as the primary liaison with the client and handle major communications in terms of overall project scope, and deliverable timelines—the student project manager will also assist with these functions. In addition, she will serve as a senior advisor and go-to person for data questions, questions about specific analysis techniques and as a mentor to project leads in managing their particular task/team.

##### **Evaluation**

Students will be graded on the quality of the final product they produce and on the level of client satisfaction with the deliverables. In addition, students will be evaluated by the instructor and their peers on their level of preparedness and professionalism during in-class presentations and group work sessions. Since one of the goals of this course is to learn how to manage **and** be managed by your colleagues, team leaders will have the opportunity to provide constructive feedback on their team-members performance and professionalism and vice-versa.

##### **Honor Code**

<https://studentconduct.unc.edu/faculty/honor-syllabus>