I. Objectives of Course

The objective of this course is to deliver a complete working paper. Ideally, the paper will be your own and original research idea and developed under the guidance of the instructor. At the end of the semester, the instructor will evaluate your paper to discuss potential outputs (e.g., solo authored work, coauthored work with faculty members).

II. Details

During the first four weeks of the semester and in conjunction with your instructor, you will determine an original research question that can be answered using empirical methods. You should complete the majority of the data analysis under the direction of your instructor.

You are expected to produce publishable tables representing your findings. Please note, your final grade will not be dependent on finding statistically significant results that support your hypotheses, but that the empirical methods used to investigate your question are current, appropriate, and well thought out.

After getting your empirical results, you will write a paper describing your efforts. As the research question is original, you are expected to explain in detail the theory behind your predictions and why the research question is important (i.e., the motivation). Your written version should also give more detail on the sample selection and research design choice. You should also explain why you include (or do not include) certain control variables and the logic for the inclusion (or not) of fixed effects in the model. The quality of your paper and presentation should be similar to the job market candidates that we saw last fall. You will be doing similar presentations for a job very soon.

IV. Materials to Submit

1. Your own code (SAS and/or Stata code) for the paper.
2. A complete working paper in good format.
3. A final PowerPoint presentation.

V. Important Dates
The dates for milestones leading up to the presentation may be altered in discussion with your professor, but proper research takes time. Do not delay work on the project.

Feb 11 – Finalize choice of original research question.
Feb 14-18 – Short presentation of proposed research question (time may change depending on faculty availability). The presentation is solely about the front end of the story, and the feasibility of the study.
Mar 14 – Finish compiling sample (mainly for the case that you need to collect data from sources other than WRDS).
Apr 14 – Finish empirical analyses.
May 5 – Presentation: 60 minutes. Date is tentative.
May 12 (midnight) – Final paper due.

VI. Grade

<table>
<thead>
<tr>
<th>Course Requirement</th>
<th>Grading Weight</th>
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<tbody>
<tr>
<td>Presentation</td>
<td>50%</td>
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<tr>
<td>Final paper (in a working paper format)</td>
<td>50%</td>
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The grading of research papers is always difficult and sometimes subjective. A rough metric is developed below.

For an A, you should complete a full working paper with tables (descriptive, multivariate regressions or equivalents with thorough controls, etc.). You need to test multiple hypotheses or one strong hypothesis in multiple ways. The paper should also include cross-sectional or appropriate falsification tests. Basically, it should be something that can be presented in an external workshop or sent to a conference.

For a B, you will have a skeleton working paper with preliminary tables (descriptive and a basic multivariate test with limited controls for each major hypothesis). Alternatively, you might have a well-developed front-end that doesn’t have supporting empirical results. If the empirical tests are exhaustive and well-developed, then a non-results paper may be given an A.

For a C, the paper will be a draft with limited hypothesis development and tests. Note that a C is the lowest grade allowed for a graduate course.