ADVANCED BUSINESS AND ECONOMIC DATA ANALYTICS

Syllabus

- Prof. William J. Crowder, PhD, Economics, Arizona State University
- Office: 321 Business Building
- Phone: 817-272-3147
- E-mail: crowder@uta.edu
- Web page: [http://www.uta.edu/faculty/crowder/](http://www.uta.edu/faculty/crowder/)
- Faculty Profile: [https://mentis.uta.edu/public/#profile/profile/edit/id/502/category/1](https://mentis.uta.edu/public/#profile/profile/edit/id/502/category/1)
- Office Hours: M 3:00 - 5:00 and by appointment.
- Section Information: ECON 5341-001
- Time and Place: M 7:00 - 9:50 COB 140
- TEXT: None required but it will be useful to have an Econometrics textbook for reference.
- PREREQUISITES: This course assumes that you have taken/passed ECON 5336 Econometrics I or its equivalent.
- GRADING: Grades will be based on five homework projects and one presentation.

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<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tbody>
<tr>
<td>Homework Projects</td>
<td>60</td>
</tr>
<tr>
<td>Final Presentation and Report</td>
<td>30</td>
</tr>
<tr>
<td>Class Participation</td>
<td>10</td>
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<tr>
<td>Total Points</td>
<td>100</td>
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Course Objectives

This course is the capstone in the Applied Economic Data Analytics Masters Degree program. The goal of the course is to provide instruction on the practice of applied data analysis. This is achieved through a series of lectures and homework projects designed to prepare the student for an independent project on data analytics. Conducting economic analyses requires a series of procedural steps that begins with problem identification and ends with a written/oral report of the results and conclusions of the analysis. Learning this process is facilitated by conducting a series of replications of published research in Economics, Finance and other business disciplines. The final project requires each student to perform a replication of a published article, of their own choosing, that uses methods from Econometrics I/II, Forecasting and/or Time Series. The course concludes with student presentations, along with submission of a written report summarizing the replication effort and detailing the results.

Attendance Policy

At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. Attendance in this class will not be taken but is strongly encouraged.

Drop Policy
Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships. It is the student's responsibility to complete the course or withdraw from the course in accordance with University Regulations. **This semester, the last day that you can drop this course with an approved "W" is November 2, 2016 by 4:00 p.m..** It is the responsibility of each student to remain informed about upcoming deadlines for drops/withdrawals. Neither the instructor nor the department of economics will assume this responsibility. ([http://wweb.uta.edu/aao/fao/](http://wweb.uta.edu/aao/fao/))

**Academic Integrity**

The **UTA Student Handbook** contains the following statement on academic dishonesty:

> It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures.

> Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusions, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. ([Regents’ Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2 Subdivision 3.22](http://www.uta.edu/about/regulations/regents/rules/senate/))

Students enrolled all UT Arlington courses are expected to adhere to the UT Arlington Honor Code:

> I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

UT Arlington faculty members may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System [Regents’ Rule 50101, §2.2](http://www.uta.edu/about/regulations/regents/rules/senate/), suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student’s suspension or expulsion from the University.

**Electronic Communication**

UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at [http://www.uta.edu/oit/cs/email/mavmail.php](http://www.uta.edu/oit/cs/email/mavmail.php).

**Student Feedback Survey**
At the end of each term, students enrolled in classes categorized as “lecture,” “seminar,” or “laboratory” shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit http://www.uta.edu/sfs.

Students with Disabilities

The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the Americans with Disabilities Act (ADA). All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Grade Grievances

You have one calendar year from the date the grade is assigned to initiate any grievance. The normal academic channels are 1) the course instructor, 2) department chair, 3) academic dean, and 4) the Provost.

Final Review Week

UTA's Final Review Week Policy is “A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabi. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week."

Emergency Exit Procedures

Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

Title IX

The University of Texas at Arlington is committed to upholding U.S. Federal Law “Title IX” such that no member of the UT Arlington community shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity. For more information, visit www.uta.edu/titleIX.

Student Support Services

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources
include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources.