NEW YORK CITY COLLEGE OF TECHNOLOGY
Department of Social Science/Data Analytics Program

ECON 4201

Internship/Research in Data Analytics

Course Information

Course Description:

Supervised work experience in Data Analytics with a private company or governmental agency. Students gain experience employing the methods and tools of data analytics in applied settings examining Economic and related data

Requirements to Register for Econ 4201:

1. Completion of 3 years or 90 credits towards the degree.
2. Secure an internship before registering for the class.
3. Consult with either the Data Analytics Program Director, Dr. Sean Macdonald, or the department Internship Coordinator, Prof. Suela Aalsberg, to ensure the appropriateness of the project.
4. Fill out the Internship Placement Form and submit it to the department Internship Coordinator, Prof. Suela Aalsberg.
5. Students provide evidence of having completed Title IX training (http://www.citytech.cuny.edu/title-ix/)
6. Register for the class once your internship is officially approved by the Internship Coordinator, Prof. Suela Aalsberg.

Expectations from Students to Get a Grade for Econ 4201:

1. Students must work 120 hours in the host organization under direct and regular supervision of the internship coordinator.
2. Keep a Log of dates, hours and daily activities.
3. Reflection Paper.
4. Written Report.
5. An oral presentation.
6. Submit a resume that has been revised by the PDC.

Expectations from Supervisors:

1.Mentor and supervise students.

2. Fill out an evaluation form (provided by the Internship Coordinator to the supervisor towards the end of the semester).

Resources where Students Can Find Internship Opportunities:

Finding an internship requires students to be pro-active. It is advisable to begin searching for an internship approximately six

 months before the semester in which you plan to complete the internship.

1.The Professional Development Center (PDC) at City Tech provides career advising and can assist you in finding an internship using Handshake, a platform for searching internships and jobs.

2.Faculty members.

3. Other venues: RippleMatch, LinkedIN, Indeed, or other web search engines.

4. CUNY Internship Programs: https://www.cuny.edu/employment/student-jobs/internships/cuny-internship-programs/explore/stem-internships/

5. Federal Reserve Bank of New York: https://www.newyorkfed.org/careers/student-programs-and-internships

According to the Jessup University website, the top sectors currently hiring data analysts include:

- **Technology**: Top companies like Google, Meta, Microsoft, and Apple.

- **Consulting Firms**: Deloitte, EY, PwC, McKinsey, BCG.

- **Finance and Banking**: JPMorgan Chase, Bank of America, Citigroup, Wells Fargo.

- **Insurance**: Progressive, State Farm, Allstate, Liberty Mutual.

- **Retail and eCommerce**: Amazon, Walmart, Target, IKEA, Nike.

- **Transportation**: Uber, Lyft, FedEx, UPS.

- **Healthcare**: UnitedHealth Group, CVS Health, Cerner, Epic Systems.

IMPORTANT: Students might do the internship work prior to the semester when they register for the Econ 4201 Internship class. Example: students taking internships over the summer, and registering for the ECON 4201 class in the fall. Students would have to submit the assignments during the semester when they register. However, students should still check with the Data Analytics Program Director or the departmental Internship Coordinator the appropriateness of the work, and the approval form should be submitted before starting to work on a project.