MAT491: Advanced Topics in Mathematics

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Course Goals: The goal of this offering is an internship is to give students an opportunity to experience and better understand career opportunities in Mathematics outside the realm of education, as well as to pursue a particular area of interest in greater depth than can typically be accomplished in traditional course settings. The long-term goals and day-to-day responsibilities are collaboratively developed by the internship mentor and the student intern.

Course Objectives: By the end of the internship, a student should be able to

- Develop realistic personal goals for the internship and, with help from the internship mentor, develop a list of goals based on your duties at the organization
- Work collaboratively to complete projects that meet the goals and mission of the internship organization
- Effectively articulate career opportunities in this field
- Be able to assess his/her “fit” with this career area
- Evaluate how effective the experience has been in meeting personal goals

Time Commitment: 40 hours of work is needed for each credit hour.

Assessment: This course is graded using the S/U format.

1. (10%) Complete the Student Acknowledgement of Internship Expectations form by the end of the second full week of the term. (Form is attached to this syllabus.)
2. (30%) Complete a Student Reflection for each week of the internship. (Template is attached to this syllabus). For each week, the reflection must be submitted electronically to the instructor by the following Monday at 6:00 pm. Possible topics of reflection include but are not limited to: What aspects of the position are appealing/frustrating/exciting/challenging? Is this a good career fit for me? Do the people in this profession seem to enjoy their work? What insights have I gained about the field, others, and myself?
3. (60%) Performance Evaluation (to be completed by the internship mentor). The Performance Evaluation form will be provided to the internship mentor and must be returned by Reading Day of the semester for the internship.

Linking Assessment to Course Objectives:

- Developing internship goals: Assessment 1, 2, 3
- Work on projects: Assessment 1, 2, 3
- Articulate career opportunities: Assessment 2
- Assess “fit”: Assessment 2
- Evaluate the Experience: Assessment 2
**Work Performance and Conduct:** Students are expected to maintain the highest level of professionalism.

**Disabilities:** Students with documented disabilities who may need accommodations or any student considering obtaining documentation should make an appointment at the Walter Young Center no later than the first week of class.

**Caveat:** All students should understand that the schedules and commitments made in this syllabus are subject to change in the event of extenuating circumstances.
Student Acknowledgement of Internship Expectations

Internship in Mathematics, Carroll University

I have read the syllabus and understand the expectations and course requirements of an internship in Mathematics.

I will work with the supervisor of my internship (listed below) to complete the duties and responsibilities assigned to me to fulfill the hour requirement and projects assigned as part of my internship experience.

I understand that the supervisor of my internship will be assessing my performance (completing the performance evaluation at the end of the semester) in my internship while my faculty advisor will be assessing my written assignments and that both of these assessments will be used to determine my final grade in the course.

Student Name: ________________________________

Student Signature: ____________________________ Date: ______________

Name of Internship Site: ________________________________

Address: _____________________________________________

_____________________________________________________

Title of Position (if known): ______________________________

Internship Supervisor: ________________________________

Supervisor Phone Number: ____________________________

Supervisor email address: ______________________________

Approximate number of hours/week that will be spent working in internship: __________

Start Date: ____________________________
Internship Weekly Reflection

Name___________________________

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<th>Start Time</th>
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  Weekly Total
  Cumulative Total

Summary/Reflection regarding work experience:

Insights gained this week:

Ongoing progress toward internship projects: