

Course|New for request 10401

Info

Request: Writing Grant Proposals for Scholarships and Fellowships

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Responses

Recommended Prefix: ABE

Course Level : 4

Number : XXX

Lab Code : None

Course Title: Writing Grant Proposals for Scholarships and Fellowships

Transcript Title: Grant Writing Ugrads

Effective Term : Earliest Available

Effective Year: 2016

Rotating Topic?: No

Amount of Credit: 2

Repeatable Credit?: No

S/U Only?: No

Contact Type : Regularly Scheduled

Degree Type: Baccalaureate

Weekly Contact Hours : 2

Category of Instruction : Advanced

Delivery Method(s): On-Campus

Course Description : The course will introduce Sr. students in the ABE Dept to opportunities for obtaining scholarships, fellowships, internships, and teaching/research assistantships from federal funding agencies. It will introduce the students to funding sources and opportunities, provide guidelines for proposal writing, and require students to prepare the components of a proposal.

Prerequisites : Undergraduates are required to have senior status, be currently seeking a degree in the Agricultural and Biological Engineering Department, and request permission from the instructor.

Co-requisites : None

Rationale and Placement in Curriculum : This course is meant to prepare senior level ABE students for the rigors of writing grants to support their graduate school aspirations. Its placement in the fall semester provides time for graduate school applicants to consider possible sources of funding.

Course Objectives : Students should leave the course with knowledge of the opportunities for obtaining federal funding to support their graduate education, and armed with the tools needed to compete for successfully obtaining support.

Course Textbook(s) and/or Other Assigned Reading: None

Weekly Schedule of Topics : Part 1: Grant Writing Basics
Introduction to Grant Writing Week 1

Objectives and Hypotheses

Weeks 2 & 3

Methodology/Research Plan Week 4

Expected Results Week 5

Potential Problems and Alternative Strategies Week 5

Mid Term Exam Week 6

Part 2: Opportunities and Funding Agencies Weeks 6-12
The National Science Foundation

U.S. Environmental Protection Agency

U.S. Department of Agriculture

U.S. Department of Energy

National Aeronautic and Space Administration

U.S. Department of Homeland Security

U.S. Department of Education

National Institutes of Health

U.S. Military Sponsored Research

U.S. Center for Disease Control

Independent Organizations
Final Exam

Grading Scheme : Attendance (15%)
Participation (15%)
Homework (15%)
In Class Presentation/Literature Review (20%)
Mid Term Exam (15%)
Final Exam (20%)

Grading Scale:

A 90-100%
B 80-89%
C 70-79%
D 60-69%
E < 60%

Instructor(s) : Eric McLamore