

ISC 2931

EXCEL Seminar II

Spring 2013

Instructor: Amber Reece

Classroom and Time: CSB 0101, Wednesdays at 4:30 – 5:45pm

Course Description: Lectures and activities supporting the EXCEL community, including networking with STEM faculty and GTAS, math reviews, advising, exposure to STEM careers, and planning for EXCEL undergraduate research experiences.

Prerequisite: First year students in the UCF EXCEL program; EXCEL Seminar I

Course Objectives

1. Compare and contrast STEM fields
2. Explain fundamental mathematics concepts in relation to STEM majors
3. Network with STEM faculty
4. Experience a STEM lab setting
5. Reflect and discuss research experiences
6. Explore undergraduate research opportunities in STEM
7. Build an EXCEL learning community

Required Text: None

Assessment: I-clicker participation including class attendance and discussions (50%) and five reflection paper assignments (50%)

Attendance will be taken at the beginning and end of each class period using the I-clickers.

Grading Scale: Satisfactory = 60% and above, Unsatisfactory = below 60%

Week	Date	Title	Assignment
1	1/9/12	Introduction, Getting Ready, and Lessons Learned	Reflection paper #1
2	1/16/12	Career Readiness (CDS/CTI results)	Reflection paper #2
3	1/23/12	Math review	
4	1/30/12	Faculty/ Industry Guest Speakers	
5	2/6/12	Faculty/ Industry Guest Speakers	
6	2/13/12	Faculty/ Industry Guest Speakers	
7	2/20/12	Math Review	
8	2/27/12	Faculty/ Industry Guest Speakers	Reflection Paper #3
9	3/6/12	SPRING BREAK – no classes	
10	3/13/12	Math review	
11	3/20/12	Experiential Learning Lab Visits	Reflection Paper #4
12	3/27/12	Academic Advising and Guidance	
13	4/3/12	Math Review	
14	4/10/12	Experiential Learning Lab Visits	Reflection Paper #5
15	4/17/12	Reflections, Evaluations, and Final Exam Review	
16	4/24/12	Final Exam Period	