

# 3rd Year Physics Seminar

PHY 3930 (1 cr)

Spring 2016

**Class Meeting:** F 12:00pm – 12:50pm  
**Room:** SE 319  
**Instructor:** Dr. Korey D Sorge  
**Text:** Text if Applicable  
**Prereqs:** Prereqs if applicable  
**Coreqs:** Coreqs if applicable  
**Web:** course homepage on “BlackBoard”  
**Office Hours:** MW 10:00am – noon  
**Office:** S&E 116  
**Lab:** S&E 147  
**Email:** ksorge *at* fau *dot* edu (or through BlackBoard)  
**Phone:** (561) 297-3380 (FAU Physics Office)

## Course Description

This course is intended to focus on career development for upper division physics majors. Covered topics will include graduate school applications, CV/resumé development and undergraduate research opportunities.

## Course Objectives / Student Learning Outcomes

At the completion of the course, students are expected to...

1. be aware of research opportunities both on and off campus,
2. be aware of graduate school application process and deadlines,
3. have a template CV/resumé,
4. have a template presentation,
5. have a template manuscript, and
6. have a “Statement of Purpose.”

## Course Evaluation Method

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Attendance =	60 pts
	(14 Class Meetings, 2 Absences Allowed, 5 pts / meeting)
CV/Resumé =	5 pts
Presentation =	5 pts
Manuscript =	5 pts
Statement of Purpose =	5 pts
University Research Symposium =	20 pts
	= 100 pts

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Minimum of 70 pts required for “S”.

## Policy on makeup tests, late work, and incompletes

For attendance, there are 2 absences allowed with no documentation. There are no additional allowances for attendance.

Documents submitted for a grade may be submitted up to 1 week late for 3 pts. After 1 week, these documents cannot be submitted for credit.

### **Classroom etiquette policy**

University policy on the use of electronic devices states: “In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions.”

### **Students with Disabilities**

In compliance with the Americans with Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in Boca Raton—SU 133 (561-297-3880), and follow all OSD procedures.

### **Honor Code**

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty, including cheating and plagiarism, is considered a serious breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [http://www.fau.edu/ctl/4.001\\_Code\\_of\\_Academic\\_Integrity.pdf](http://www.fau.edu/ctl/4.001_Code_of_Academic_Integrity.pdf).

### **Course topical outline**

Students are expected to read and study for 2 hrs outside of the classroom for every 1 hr they spend in class. This means you have a *minimum* of 1 hrs and 40 min of outside study time every week for this course.

# PHY 3930: 3rd Yr Physics Seminar

Spring 2016

Dr. Korey D. Sorge

Date	Lecture	Topic	
Jan	8	1	Research Experience for Undergraduate (REU) Opportunities
	15	2	REU Application Process Bring an REU opportunity to class
	22	3	Structure of a CV/Resumé
	29	4	Structure of a “Statement of Purpose”
Feb	5	5	Putting together an oral presentation <b>CV/Resumé due</b>
	12	6	Putting together a poster presentation <b>Statement of Purpose due</b> Bring oral presentation to class.
	19	7	Introduction to L <sup>A</sup> T <sub>E</sub> X Bring poster presentation to class.
	26	8	Scientific Typesetting Have a L <sup>A</sup> T <sub>E</sub> X compiler installed on your computer <b>Oral or Poster Presentation due</b>
Mar	4		<b>NO CLASS — Spring Break</b>
	11	9	Putting together a manuscript Bring typeset example to class
	18	10	Preparing for the GRE and Standardized Tests
	25	11	Graduate School Application Process <b>Manuscript due</b>
Apr	1		Undergraduate Research Day
	8	12	Finding a “Fit” in Graduate School
	15	13	Opportunities Outside of Graduate School
	22	14	Using FAU’s Student Resources
	26 & 27		<b>Reading Days</b>
28		<b>Final Class Meeting</b>	