

PHY 3521 - Physics Secondary Science Field Experience

Student Full Name: _____ Classification: Junior Senior

Banner ID: _____ Term: _____ AppState Faculty Supervisor _____

GOALS:

The goal of PHY 3521 is for students seeking licensure in Physics Education to experience first hand (prior to student teaching) what it means to be a science teacher by interning in a high school classroom.

GUIDELINES:

Interns are responsible for attending 40 hours of class time over the semester that they are registered for this internship. The 40 hours can be accumulated in any combination of ways (2 classes per day, 2 per week, however it works to add up to 40 hours for the semester). Interns will have to spend additional time outside of the classroom (perhaps in meetings with the cooperating teacher or on their own) preparing and working on their internship.

The App State physics interns are expected to participate in the following general instructional activities at their internship site:

- 1) Set up and tear down labs.
- 2) Assist running the labs.
- 3) Small group instruction during labs or other group instructional activities.
- 4) Assist individual students during individualized instructional time.
- 5) Assist in gathering and organizing resources for specific lessons.
- 6) Develop and teach 1 mini-lesson that demonstrates speaking, content knowledge, and questioning skills of the intern.
- 7) **Other activities deemed useful by the cooperating teacher.**

COMMUNICATION WITH SUPERVISOR (Department of Physics & Astronomy Program Coordinator):

Interns should send (through email) weekly reflections of their activities in the classroom to Program Coordinator highlighting major lessons they learned regarding science teaching and being a science teacher during their internship that week. Included in this email should be the times and dates of attendance in the classroom.

Topics of these weekly reflections should include:

- classroom management,
- interactions within the school,
- technology use in the classroom.

By the end of the semester the intern will turn in a written plan indicating exactly what was done during the mini-lesson and what questions were asked of students during the lesson. Files may be submitted electronically to the Program Coordinator.

GRADING:

A grade of S (satisfactory) or U (unsatisfactory) will be given for this course. A satisfactory grade will be given for students who:

- 1) Complete all 40 hours of classroom time.
- 2) Email the Program Coordinator every week with reflections.
- 3) Completion of the mini-lesson with written plan turned in to the Program Coordinator.
- 4) Attend final exam exit interview with Program Coordinator at the end of semester.

Student Signature: _____ Date: _____

Faculty Member: _____ Date: _____

Department Chair: _____ Date: _____

Cooperating Teacher Name: _____ School: _____

Signature: _____ Date: _____