

# STEM Ambassadors

Fall 2023

## Interdisciplinary Studies (INTDS) 102/302 – STEM Education

Section # 51071/58653

INTDS 102: Section 51071      2 Units  
INTDS 302: Section 58653      Non-credit

**Class Times:**      *Lecture:* F, 12:00-12:50pm, PHY-77

*Lab:* 3 hours per week, arranged

### Instructors / Contact Information / Office Hours:

Dr. John Heathcote      PHY-78      (559) 494-3000 x3215  
Cell: (559)643-5469

[john.heathcote@reedleycollege.edu](mailto:john.heathcote@reedleycollege.edu)

**Office Hours:**      MWF, 11:00-11:50am  
TTh, 1:00-1:50pm

Kurt Shults      PHY-71      (559) 494-3000 x3664  
Cell: (559)707-5045

[kurt.shults@reedleycollege.edu](mailto:kurt.shults@reedleycollege.edu)

**Office Hours:**      MW, 9:00-9:50am; 11:00-11:50am (in the Math Center)  
F, 10:00-10:50am (via Zoom <https://scccd.zoom.us/j/83598449704>)

**Textbook:**      None

**Prerequisites:**      None

### Point System Grading:

Earn Points through the semester by the following activities:

- Any scheduled STEM Ambassador activity:      1 pt/hour
  - (Note: Some special events may be worth more points per hour. These will be announced.)
- Attendance/Participation in Friday Class Meeting      2 pts/class
- Any STEM-related volunteer activity      1 pt/hour
  - This could be volunteer tutoring in the math center, assisting a STEM faculty member, or volunteering for a different STEM-related event.
- Being an active member of a Reedley College Club      1 pt/hour of meetings/activities (up to 10 pts)
- Working as a paid tutor for STEM classes      10 pts/semester
- Group Project for Class      Up to 10-20 pts/project
- Individual Class Presentation on STEM Education      Up to 10 pts/presentation

### **Grades:**

#### **For INTDS 102:**

Above 90 points	A
75-89 points	B
60-74 points	C
40-59 points	D
< 40 points	F

#### **For INTDS 302:**

Above 60 points	P
< 60 points	F

**Attendance & Participation:** Your attendance and participation are important. Attendance will be taken at the beginning of each class period. Please let me know if you are going to miss a class meeting so that I can make sure that you are up to date in the course. **Since this class meets once per week, students missing (2) or more classes can be dropped for non-attendance.**

### **Expectations of STEM Ambassadors:**

**When you visit a school or act as a host, you are representing Reedley College.** Therefore, you are expected to dress appropriately and to behave professionally.

**Appropriate Apparel:** When acting as a STEM Ambassador, you are expected to dress appropriately. Typically, this will involve wearing our STEM Ambassador vests over your clothing. Inappropriate clothing would include items such as shirts with foul language or offensive images, low cut clothing, excessively short skirts or shorts, or low riding pants. Please be aware that one role of this class is to prepare you for professional work.

**Professional Behavior:** When acting as a STEM Ambassador, students are expected to avoid profane language and to avoid inappropriate conversations. Keep in mind that you are the face of Reedley College, and the way that you act reflects upon our school.

**Class Communication:**

Communication between students and the instructors teaching the course or leading outreach activities is very important. We will communicate via Canvas announcements and messages for general class announcements.

**Accommodations for Students with Disabilities:**

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

<b>Add Date:</b>	Friday, August 25	Last day to add a course
<b>Drop Date:</b>	Friday, October 6	Last day to drop this course
<b>Holidays:</b>	Monday, September 4	Labor Day
	Friday, November 10	Veterans' Day
	Thursday-Friday, November 23-24	Thanksgiving Holiday

**Course Description:**

This is a course on educational pathways in STEM (Science, Technology, Engineering, and Math). Students will learn about educational requirements for STEM fields and academic majors available at Reedley College and transfer universities. Students will prepare STEM presentations to inspire other students to pursue degrees in STEM fields.

**Course Objectives:**

- Prepare and lead outreach presentations regarding STEM educational requirements for K-12 students.
- Investigate possible transfer universities through activities such as Fresno College Night, Reedley College Transfer Day, or university visits.
- Research educational opportunities in the STEM fields.