

Choose your Outreach Opportunity

JMU 3-SPACE Classroom

Part of your GSCI 104 grade is to help with one outreach opportunity in the JMU 3-SPACE classroom. Before the start of next class, please choose an option from the following list and record that option in the row for your name in the Class List in our Google Docs folder. Please do not choose an option that someone else has already recorded as their first choice (unless the option says that two students are needed).

- On Friday, February 28, JMU is hosting a STEM/career workshop for Middle and High School teachers and counselors in conjunction with NASA and other institutions. As part of the educational component of the event, there will be an Exhibit Fair at which JMU 3-SPACE will staff a table and show off a 3D printer during the day. I'm thinking of being there from perhaps noon to 3, and could use some help setting things up, answering questions, and so on. If you choose this write "STEM Exhibit" in the Google Doc. I need one or two students for this outreach opportunity.
- On Thursday, March 11, a group of 8- to 12-year-old students from Raw Learning (a local independent/homeschool learning community) will be visiting the JMU 3-SPACE classroom. The students will have already designed simple models and we will try to help all of them print those models while they are here, while telling them about 3D printing and answering lots and lots of questions. The group is visiting from 12:30-2:00, and your assistance would be needed from 12:00-2:00. This visit looks like it is going to be REALLY fun with very engaged students, but it is during Spring Break. If you will be here for Spring Break then you should choose this! If you choose this write "Raw Learning" in the Google Doc. I need one or two students for this outreach opportunity.
- On Wednesday, April 16, the JMU 3-SPACE classroom will be hosting a group of 16-20 middle school students from 1:00-2:00 pm. We will have test prints set up for the students, who will watch the prints happen and then learn about 3D printing and have a short introduction to Tinkercad. We hosted two of these last semester and it was a lot of fun. I could use two assistants to help with setup and with managing the printers during the session, from 12:30-2:00 pm. If you choose this write "Middle school visit" in the Google Doc.
- Last year the GSCI 104 students wrote blog posts about possible future 3D-printing classes at JMU. Look through the courses described at <http://geekhaus.com/3space/category/studentblog/> and <http://geekhaus.com/3space/category/studentblog/page/2/> and choose one that you would like to work with. Your outreach project would be to contact the students who wrote the post, obtain faculty contacts who might be interested in teaching such a course, and then invite those faculty to the JMU 3-SPACE classroom so that you can show them what we have available. Be sure to choose a subject or course that you are actually interested in and/or is part of your major. If you choose this please write "Future course: Subject" (naming the subject of the course) in the Google Doc. Please try not to choose a subject topic that repeats what someone else has already selected.