Meet the Teacher Night:
Mr. Woolslayer
Room 200

Physics, Physics II College in High School Physics SFU Physics 105, Physics Lab, General Physical Science, Physics Lab. OW Science 7 and 8.

Contact information for Mr. Woolslayer

Email: kwoolslayer@rockwoodschools.org

Phone and Voicemail: 814-926-4631 Extension 2200.

High School teacher web page/lesson plans/links: https://pa02218971.schoolwires.net/Domain/82

Mr. Woolslayer Google classroom page. Google classroom parental invite by parent request via email.

Grades: Powerschool (note: google classroom is not used for current grading): https://rockwoodschools.powerschool.com/public/

Google Classroom

Google Classroom and Google suite apps (google slides, google docs, google sheets…) will be used for lesson plans, digital assignment turn ins: lab reports, graphs, focus questions, data organization and analyze, as well as virtual learning/education in the event of COVID 19 closure.

Students will receive training and reinforcement in the use and application of these learning tools though the school year.

Expectations from Students

School wide expectations: be respectful, be prepared and be on time.

Materials: students are expected to bring their functional and charged chromebooks to class, writing devices (pen or pencil) and notebook. Students were issued a textbook to keep at home to read, study and bring it to school when requested.

Seek help if struggling with grades or assignments. Tutoring is available 8th period B days, 9th period A days, study hall 5th period on the C lunch schedule or by appointment before 1st or after 8th period.

Enrichment, intervention and extra credit opportunities.

Students may be given an opportunity retest on regular test material if they come for tutoring and time allows. The highest grade possible on a retest is 80%. Students must have attended at least one tutoring opportunity in order to take a retest.

Extra credit enrichment and intervention opportunities such as special assignments like design, build and test projects will be offered throughout the school year.

Biography of Mr. Kurt Woolslayer: Education

Graduate of Meyersdale Area High School.

Attended Penn State University. Studied Agriculture Education and Science Education.

Graduated from Montana State University. Majored in General Science Broadfield which included Physics, Chemistry, Biology, Earth/Space and General Science teaching credentials in the state of Montana.

Attended graduate school at the University of Hawaii studying and researching Astronomy.

Graduated from Frostburg State University with a Masters Degree in Curriculum and Instruction focusing on Physics and Astronomy Education.

Attended additional graduate work from WVU and Penn State in Astronomy, Physics, and Forestry.

Biography of Mr. Kurt Woolslayer: Teaching Experience.

Student taught Biology, Chemistry, Physics and Environmental Science at Sweet Grass County High School in Big Timber, Montana. Assistant Track coach.

Served In the US Peace Corps and former Trust Territories of Marshall Islands and the Commonwealth of the Northern Mariana Islands teaching Physics, Chemistry, Biology, Health, Algebra, Agriculture and Computer Science. Secondary Project with Fisheries and Aquaculture. Track coach.

Served as the Professional Development Schools' liaison between the Frostburg State University, student teachers and public schools in Maryland, West Virginia and Pennsylvania. Assisted with the University's Planetarium and mobile Starlab.

Biography of Mr. Kurt Woolslayer: High School Teaching Experience (continued)

Taught Biology, Chemistry, Physics and CATS 9 & 10 (Coordinated and Thematic Science) at Paw Paw, West Virginia.

Taught CATS 9 and 10 at Keyser, West Virginia.

Taught 7 grade science, Physics, Principles of Technology, Earth and Space Science and Research Science at Shanksville, Pennsylvania.

Taught Astronomy and Environmental Science at the West Virginia Governor's School in Green Bank, West Virginia.

Biography of Mr. Kurt Woolslayer: College Teaching Experience.

Adjutant Science Instructor at College of the Northern Marianas College

Adjutant Science Instructor at Garrett College. Professional development consultant with the NCASE, USAID, Department of Defense and Gifted and Talented Programs.

Adjutant Science Instructor for Saint Francis University's College in High School Physics.

Course Descriptions

Physics II/SFU Physics 105 College Physics (4 credits)

Students had the option of selecting high school science credit only or receiving dual enrollment upon the excepted application to SFU and payment of fees to SFU.

The course will include laboratory, virtual guest speakers, application of math and problem solving skills, computer simulations and technology experiences integrated in the classroom.

Focus of the course will be on electricity, magnetism, electromagnetic radiation, geometry of light, particle/quantum physics, relativity and application related topics in current events, astrophysics, medicine, and STEM careers.

Course Descriptions (continued)

General Physical Science

The course will include laboratory, virtual guest speakers, application of math and problem solving skills, computer simulations and technology experiences integrated in the classroom.

Focus of the course will be on basic chemistry (1st Semester) and physics (2nd Semester). application related topics in current events, astrophysics, medicine, and STEM careers.

Physics

The course will include virtual guest speakers, application of math and problem solving skills, computer simulations and technology experiences integrated in the classroom.

Focus of the course will be on kinematics (the physics of motion), forces and the Laws of Motion, work and energy, momentum and collisions, circular motion and gravitation, fluid mechanics, heat, thermodynamics, vibrations and waves and application related topics in current events, astrophysics, medicine, and STEM careers.

Course Descriptions (continued)

Physics Lab

The course will include hands on experience measuring, collecting and analysis of scientific data, scientific writing of lab reports, application of math and problem solving skills, computer simulations and technology experiences.

Focus of the course will be on laboratory application kinematics (the physics of motion), forces and the Laws of Motion, work and energy, momentum and collisions, circular motion and gravitation, fluid mechanics, heat, thermodynamics, vibrations and waves and application related topics in current events, astrophysics, medicine, and STEM careers.