Accelerate with Petroleum Engineering:
Products made from hydrocarbons are all around us and include lubricants, fuels, plastics, and more. For this session, join our Petroleum Engineering department for a high octane demonstration of different hydrocarbon applications in a high-performance vehicle, plus take a spin through our state-of-the-art laboratories. **Session 1.**

Cadaver Dissection Lab:
Are you interested in learning more about the anatomy and physiology of the human body? View and interact with human cadavers and participate in a hands-on dissection of various animal organs in our Cadaver Lab interactive session. In addition, students will have the opportunity to learn more about our Biological Sciences, Chemistry, and Exercise & Health Sciences programs. **Sessions 1 & 3.**

Student-led Campus Tour:
Take a tour of our beautiful campus! Explore our high-tech laboratories and learn about all the best spots to study, eat, and relax. Wear your walking shoes and layer up for our variable spring weather! **Sessions 1 & 2.**

Electrical Engineering Sessions:
Join Electrical Engineering faculty for two hands-on sessions in one! First, Dr. Bryce Hill demonstrates novel methods of monitoring a medical patient's respiration utilizing everything from inexpensive hobbyist-grade sensors to 3D laser scanning. Then, put your skills to the test as you learn binary code and program a wheeled robot to follow a line on the floor. Students interested in learning more about electrical engineering, robotics, and computer science are encouraged to join! **Session 2.**

From Games to Autonomous Vehicles:
Students will have a competition using a classic game and will see how the game could be turned into an app, while learning about the various roles computer scientists, software engineers, and data scientists play in developing games. You’ll also learn about job opportunities and the connections between computer science and real-world problems. **Session 1.**

How to Win at Jeopardy using Data Analytics:
Interested in starting your own business or playing a pivotal role in the corporate world? Don’t miss this interactive session where you will learn how to create your own app and apply it to business use, while learning more about Tech’s Business and Information Technology program. **Session 2.**

Metallurgy - Forging Careers:
The Metallurgical & Materials Engineering department educates students on the processes used in the production of materials used in manufacturing, construction, science, and industry. In this dynamic session, learn about how materials can be manipulated with a casting demonstration, a steel forging competition, and an exciting thermite welding demo. **Session 2.**

Nursing Simulation:
Nursing simulation is a bridge between classroom learning and real-life clinical experience. The Nursing department will demonstrate use of a computerized mannequin that performs human functions to create a realistic clinical environment and give students an opportunity to explore a variety of healthcare scenarios. **Sessions 1 & 2.**

Surviving College Panel:
Learn the ins and outs of being a successful Montana Tech Oredigger from a panel of current students. Bring your questions! **Session 3.**

Unmanned Vehicle Sensor Technology:
Geological Engineering professor, Xiaobing Zhou, will demonstrate the remote sensing capabilities of unmanned aircraft systems (UAS) commonly known as drones. See how these high-tech aircraft perform data collection and analysis, model geological characterization of sediment, and apply remote sensing in hydrology and climate science. **Session 3.**

Working at Heights and Fall Protection Demonstration:
Keep the job site safe from hazardous exposure, injury, and illness with our Occupational Safety and Health program. Harness-up and join our OSH professors in the fall protection simulation lab. Learn hands-on how to work from extreme heights and keep job sites safe. Occupational Safety and Health is a highly employable health science field with jobs available in numerous industries worldwide. **Session 3.**