PARENT SCHEDULE

- **8:45 am**: Check-in (Copper Lounge)
- **9:00 am**: Welcome, Scholarships, Admissions, Athletics
- **10:00 am**: Parent Panel: What to expect? Q&A with Residence Life, Food Services, Student Activities, Enrollment Services and the Student Assistance Foundation (MG 204)
- **11:00 am**: Listen to Tech alums share their stories of success (Copper Lounge)
- **12:00 pm**: Lunch (Dining Room)
- **1:00 pm**: Tour of campus (Copper Lounge)

STUDENT SCHEDULE

- **8:45 am**: Check-in (Copper Lounge)
- **9:00 am**: Welcome, Financing College, Admissions, Athletics
- **10:00 am**: ACADEMIC SESSION I:
  - Learn about the academic offerings and benefits of **Highlands College** with Dr. John Garic (Mountain Con)
  - Get an in-depth look at the **Biology program** with Dr. Rick Douglass (SE 106)
  - Does it still **pay to go to college?** with Dr. Gordon Flanders (NRB 128)
- **11:00 am**: ACADeMIC SESSION II:
  - Health Care Accuracy with Dr. Charie Faught (NRB 126)
  - Program A Robotic Car with Dr. Dan Trudnowski (Main 314)
  - Delve into the world of minerals, metals and materials process engineering with Club Met & Dr. Courtney Young (ELC 202)
- **12:00 pm**: LUNCH & BOOKSTORE (Dining Room)
- **1:00 pm**: ACADEMIC SESSION III:
  - Explore Computer Science with a Humanoid Robot by Dr. Keith Vertanen (MG 204)
  - Get an inside look at the Nursing Department's simulation laboratory (HSB 210)
  - Create a polymer material that has made Petroleum Engineering one of the hottest careers around with John Getty (NRB339)
- **1:50 pm**: Tour of Campus & Residence Hall
  - Students considering majors at Highlands College may depart after session III to Highlands College for an optional tour. Please meet at the main desk and the tour will begin at 2:15 pm.
- **3:00 pm**: Wrap-up and freebies (Copper Lounge)

*Detailed descriptions for the academic sessions are on the back.*
PRESENTATIONS & WORKSHOPS

Examine the Biology Department: Learn more about Montana Tech’s Biology Department and the new restoration ecology program with Dr. Rick Douglass. Dr. Douglass will explain the Hanta Virus research taking place and show students how to handle and bleed deer mice. The presentation will end with a tour of the greenhouse.

Health Care Accuracy: A public health outbreak exercise. There is a zombie outbreak and quick action is needed to get it under control. Learn about how important medical data accuracy is. At the conclusion, you will learn about Montana Tech’s health sciences programs and Health Care Informatics.

Program a Robotic Car. Dive first hand into the world of engineering by learning binary code and using it to drive a robotic car. You will learn about digital design and application of basic circuit principles.

World of minerals, metals and materials process engineering: Discover how minerals, metals and materials are processed, analyzed, characterized and used through this hands-on workshop, exposing you to exciting career paths in mining, recycling, forensics, aerospace, corrosion, manufacturing, nanomaterials, etc.

Exploring Computer Science with a Humanoid Robot: In this presentation, we explore fundamental computer science concepts using a humanoid robot called NAO. Using a graphical development environment, we will program NAO to do many different actions. At the conclusion of the talk, we’ll discuss the many career possibilities available to computer science graduates.

An Inside Look at Nursing: Get an inside look into the Nursing Department’s simulation lab. Watch as a real-life scenario is acted out and you are in the driver seat with the department’s simulation mannequins.

Learn more about Petroleum Engineering: Hydraulic fracturing, along with steerable drilling systems, have pushed the United States to the leader of the pack in the production of oil and gas. In this workshop you will examine the chemistry of polymers and create a non-toxic visco-elastic fluid, used extensively in the hydraulic fracturing process, that “pours” up-hill!

“I chose Montana Tech and the Petroleum Engineering program for many reasons. I appreciated its stellar reputation for job placement upon graduation. My parents loved its affordability. I also loved the small town location and its wonderful outdoor recreation opportunities. But what really sold me on Tech was how encouraging and supportive all of my interactions were. The relationships I have developed have been overwhelmingly positive. Everyone, from the students, professors, and staff to even the residents of Butte, seem to be behind you. For me, it is the ideal place to be.” Kelly Hertel, Lincoln, CA