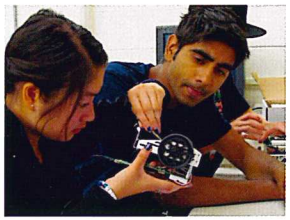
POWER CAMP:
ELECTRONICS & COMPUTERS IN YOUR HANDS



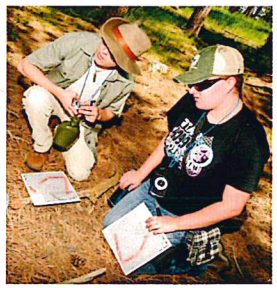
During Power Camp, you will learn to solder, create your own working radio, and build and program your own robot. Through hands-on experiments and field trips you will get the chance to learn about the future of electronics and this exciting major!

July 6-11, 2014
GRADES 9-12
$975

GEOLOGY ROCKS!
YOUTH FIELD CAMP IN THE BLACK HILLS

ARE YOU READY TO DIG INTO GEOLOGY?!

Come learn about the fascinating world of Geology and Geological Engineering while surrounding yourself with all the beautiful Black Hills has to offer! Students in this camp will learn about such things as oil and gas production and exploration, minerals and rocks, and much more! Participants will be living out in the field for 3 of the 5 days in this hands-on learning adventure!



June 8-13, 2014*
GRADES 9-12
$975

*ASK ABOUT POSSIBLE OTHER DATES

For more information call 605.394.2693

Register online at sdsmt.edu/learn

SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY

South Dakota School of Mines & Technology
Youth Programs
McLaury 202
501 E. Saint Joseph St.
Rapid City, SD 57701

youth SUMMER CAMPS 2014

South Dakota School of Mines & Technology

YOUTH PROGRAMS

P) 605.394.2693 • F) 605.394.2710
YOUTHPROGRAMS@SDSMT.EDU
SDSMT.EDU/LEARN

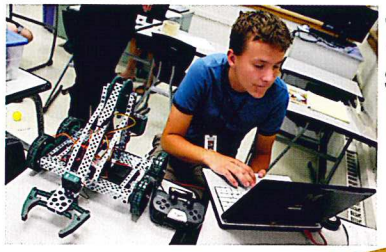
SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY

youth programs

ROBOTICS CAMP

LIKE YOU WON'T FIND ANYWHERE ELSE!

Our Robotics Camp offers an introductory look into the fields of Mechanical Engineering and Computer Programming through the world of Robotics. Our comprehensive camps offers the perfect transition for students moving from FIRST Lego League to FIRST Robotics.



July 27-Aug 1, 2014
GRADES 9-11
$775

FOSSILS...
MOLDING...
CASTING...
OH MY!

FOSSILS

THE PATH OF THE PALEONTOLOGIST

Come study alongside Paleontologists and future Paleontology graduates at our brand new, state-of-the-art facility! Fossils gives students a chance to camp out and get messy in the field while learning all about Paleontology.

June 15-20, 2014*
GRADES 9-12
$975

ASM MATERIALS, METALLURGY, & FORENSICS INSTITUTE

Through hands-on experiments and field trips you will discover things such as minerals and metals processing (while learning about the creation of Samurai swords), metal working (blacksmithing, welding, casting), and everything in between!

July 13-18, 2014
GRADES 10-12
$975

MINING & EXPLOSIVES ENGINEERING INSTITUTE

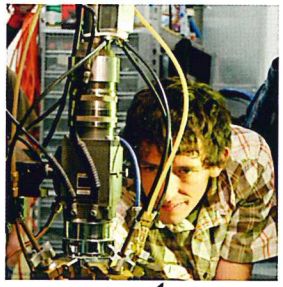
COME HAVE A **BLAST** WITH US!

Our Mining and Explosives Engineering Institute is a camp that you will have trouble finding anywhere else. You will get the chance to learn about mining engineering, and the science behind explosives. Field trips to watch blasts are included in this one-of-a-kind camp experience!

June 22-27, 2014
GRADES 10-12
$975

TO THE 3RD DIMENSION AND BEYOND!

MECHANICAL ENGINEERING IN THE NEW WORLD



Students will design a product from concept to prototype using computer-aided design and produce a finished product on our state-of the art 3-D printers. Mechanical engineering is a broad field that provides opportunities for interesting and challenging work in every phase of modern technology.

July 20-25, 2014
GRADES 9-12
$975

SCHOLARSHIPS AVAILABLE!
*ASK ABOUT POSSIBLE OTHER DATES

CHEMICAL & BIOLOGICAL ENGINEERING INSTITUTE

LEARN ABOUT THE WORLD OF CHEMICAL & BIOLOGICAL ENGINEERING!

Chemical and Biological Engineering is all about the world around us, and how we can make it better. In this camp you will learn how CBEs create biofuels, biopharmaceuticals, and even chocolate!

July 20-25, 2014
GRADES 10-12
$975