

SUMMER CAMPS

2017 SUMMER EXPLORATION CAMPS

DISCOVERY DESTINATION WEEK

JUNE 27 – 29 • 6TH – 8TH GRADE • 9AM – 3PM
\$10 • KIRTLAND UNIVERSITY CENTER GAYLORD

GENETICS AND ITS APPLICATION

What does a banana, a human, and a dog all have in common? DNA! You will learn about DNA, what it is and how it works to create such differences in living things. Learn the techniques associated with extracting DNA from a strawberry through a hands-on scientific experiment.

MATERIAL SCIENCE

Learn about the concept of specific heat through hands-on experiments. You will have an opportunity apply this concept to different materials such as steel.

ELECTRONICS

What makes things light up? Where does the power come from...or go? Using a lot of fun, hands-on experiments, you'll learn about the basics of electronics.

HISTORY MATTERS

Have you ever wondered how we have the laws and freedoms we have today? In this info-packed session, you'll learn all about people, places and events that impact who we are and how we live today!

LEGO CAMP

JULY 26 – 28 • \$20
KIRTLAND UNIVERSITY CENTER GAYLORD

LEGO AND SO MUCH MORE
3RD – 5TH GRADE • 9AM – NOON

Using Lego WeDo 2.0, you'll discover how to apply science, technology, engineering and mathematic concepts by building and using Lego models. Enhance your creativity, logic and problem-solving skills.

LEGO ROBOTICS

6TH – 8TH GRADE • 1PM – 3PM

This Level 1 class is an introduction to Lego Mindstorms. You'll learn how to program using the Mindstorms software, and work with basic sensors. On the final day of class, use what you've learned to complete challenges of varying difficulty.

HIGH SCHOOL

ENTREPRENEURS IN TRAINING (EIT)

JUNE 27-29 • 9AM – 3PM • \$10
SAWMILL RURAL BUSINESS CENTER, ROSCOMMON

JULY 25-27 • 9AM – 3PM • \$10
KIRTLAND UNIVERSITY CENTER GAYLORD

Want to be your own boss someday? Our Entrepreneurs in Training Camp gets you started! Explore entrepreneurship and business ownership as a career and tour local businesses. Talk to owners in northern Michigan and hear what works, what doesn't and how you can chart your own future.

HEALTH SCIENCE CAREERS CAMP

JUNE 26-29 • 9AM – 3PM • \$10
KIRTLAND GRAYLING HEALTH SCIENCES CENTER

Think you might have a gift for helping others? Attend hands-on sessions led by the best local health professionals. Practice in our brand new, state-of-the-art facility on cool stuff like a complete operating room, life-like patient training mannequins, scan a heart in our sonography lab, check out becoming a pharmacy tech, or give your hand at a future of saving lives when you train in our EMS lab.

CAR CAMP

JUNE 27-29 • 9AM – 3PM • \$10
KIRTLAND ROSCOMMON

Auto 101—and then some! Get an upfront and personal look at everything from shop safety to installation of accessories like wipers, tires and rims. You'll learn and perform simple repairs, problem analysis and parts replacement. Plus, hear all about career opportunities in the auto industries from experts who really know!

Note: To ensure safety, participants must wear a long-sleeved shirt, long pants and closed-toe shoes. NO SHORTS.

YOUTH POLICE ACADEMY

JULY 17 – 21 • 9AM – 3PM • \$10
KIRTLAND ROSCOMMON

Want to make a difference serving others? Youth Police Academy is just the ticket! Come spend five days exploring the career field of public safety. We're partnering with the Roscommon Sheriff Department to cover everything from law enforcement, physical training, fire, EMS, crime labs and crime scene scenarios.

Note: To ensure safety, participants must wear a long-sleeved shirt, long pants and closed-toe shoes. NO SHORTS.

WELDING CAMP

JULY 26-28 • 9AM – 3PM • \$10
KIRTLAND UNIVERSITY CENTER GAYLORD

Does welding spark your interest? You'll get an upclose look into the world of welding. Learn about wire feed welding and plasma cutting, plus how to safely turn molten metal into some very cool projects that you'll take home with you. It's all about learning a new skill safely—and having some fun while you're doing it! Let's get to melting some metal!

Note: To ensure safety, there will be specific clothing requirements for participants.

GEARS CAMP

Get Excited And Ready for Skilled trades

JUNE 27-29 • 9AM – 3PM • \$10
KIRTLAND UNIVERSITY CENTER GAYLORD

In this fast-paced camp, you'll be hands-on while you're learning directly from industry professionals while using the newest equipment. At GEARS camp, you'll be checking out CNC Machining, Electrician, HVAC/R Technician and Mechatronics Facilities and Industrial Technicians (Robotics). The skills you pick up are going to benefit you in everyday life for years to come.

ONLY 16 SPOTS/CAMP • CALL 989-705-3600 FOR MORE INFORMATION • ASK ABOUT SCHOLARSHIPS
REGISTER AT UCGAYLORD.ORG/LIFE-LONG-LEARNING/REGISTER-ON-LINE



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