

Behavioral Rules

The goal of TKC is for students to experience hands-on learning. To ensure the safety and a positive experience for all students, students are expected to adhere to the following camp guidelines:

- (1) Students are not allowed to touch any lab equipment unless directed by an instructor to do so.
- (2) Students are not allowed to push, shove, trip or kick other participants.
- (3) Students are expected to follow the directions of all Moraine Park staff and activity leaders.
- (4) Students are not allowed to use any offensive language.

Students will receive two warnings. If there should be another offense, Moraine Park will contact the student's parent and ask the parent to pick up the student. The student will not be allowed to return, and no refund will be given.

Tech Knowledge College is an educational offering of Moraine Park Technical College and is not sponsored by the schools within the College district. The information is supplied by Moraine Park Technical College.

"Uniquely You" Metal Sculpting

Create a unique metal sculpture using the tools and techniques of the welding and metal fabrication industry. You will become familiar with welding, thermal cutting, metal forming and metal layout and design. All of this takes place with an emphasis on industry standard of safety for each process. On the last day, you will bring home your "uniquely you" metal sculpture.

Universal Video Productions

Create a video clip using a variety of tools and techniques—digital video camera, digital still photos and audio files. Put it all together—capture raw footage, add transitions, create titles, roll the credits and burn it to a DVD. Become the next Steven Spielberg, and create your own video production!

World Wide Web Masters

Design and create your own Web page using HTML. Publish your Web page on the Internet for the whole world to see. This is a hands-on activity, so basic computer and Internet exposure is helpful.

Yo-Yo Manufacturing Int'l

Design and make your own personalized high-performance yo-yo using CAD/CAM software. Program computerized machine tools to cut your design. See your yo-yo being made using high-tech equipment. If you like computers and making things—this is for you!

Moraine Park Technical College Presents

*Summer activity
for students
entering 6th, 7th
and 8th grades.*



SUMMER 2010

August 3, 4 and 5

Dear Parents and Middle School Students:

Welcome to Tech Knowledge College (TKC), an opportunity to get a hands-on, interactive look at the skills and careers needed today and in the future! If you attended last year, new activities have been added. This summer activity is open to those entering sixth through eighth grades.

Let's fast forward to the future! What career role would you like to play? What new, exciting part of the world of careers would you like to explore during summer?

Choose two careers to explore from those offered. Check out the options below, and sign up early so that you get into the activities of interest to you! TKC will run from 8:45 a.m. until 2:30 p.m., August 3, 4 and 5 at the Moraine Park Fond du Lac campus. Lunch will be provided. Busing is available from (and back to) the Beaver Dam and West Bend campuses each day. Limited seating available from Berlin and Ripon high schools.

DAILY SCHEDULE

Session 1	8:45 a.m. – 11:15 a.m.
Lunch	11:15 a.m. – 12 noon (included in registration fee)
Session 2	12 noon – 2:30 p.m.

Registration begins on April 1. Registrations are filled on a first-come, first-served basis. For additional information or questions, please contact me at 920-924-3347 or 1-800-472-4554, Ext. 3347. I look forward to your participation in this interactive educational opportunity.

Sincerely,

Katie VandeSlunt
College Outreach Specialist
Moraine Park Technical College

Note: Activities fill up rapidly. Please check the Web site (www.morainepark.edu/tkc) for a current list of openings.

Activities

Animation Goes Global

Create exciting, animated movies for the Web with Flash software. Make circles spin, robots walk, bubbles rise in the air, planes loop, birds fly, text dance and create your own animated cartoon character. The only limit is your IMAGINATION! Animated Web movies go where no picture has ever gone. Become an international communicator with animation. Computer knowledge is required.

The Art of Architecture

Use your creative genius to draw buildings! You will be introduced to the Revit software to create building models of your dream home. From this model, floor plans, elevations, colored perspectives and sections views will be created.

Auto Techs –

The MPTC Green Team

Join the Auto Tech's "MPTC Green Team" and work in an actual auto service training lab. Spend three days servicing and maintaining an automobile. Conduct vehicle inspections, check under the hood, access computerized service manuals used in automotive repair facilities, and more! Closed-toe shoes are required.

Beyond Band-Aids – The Future of Nursing

Experience a day in the life of a nurse bandaging, giving injections, practicing infection control and working with technology in health care. Using "Sim Man," you will care for a patient who is sick. Learn first aide procedures and much more!

Electronics

The power of electronics will open the doors to the future—from Apple Computers to the Web. Explore the fundamentals of electronics while assembling your own kit. Everyone can learn from this activity.

Fix It, Tune It, Ride It!

Are you a future Tour de France rider? Bicycle enthusiasts, you will learn to fix flats, fine-tune your own bicycles and build a bicycle. On the final day, be prepared to enjoy a long bike ride.

Good Eats Bistro

You like to eat? Learn to cook for yourself! You'll prepare (and eat) a variety of main entrées and desserts every day. Impress your family and friends with your new culinary skills the next time they come over to your house.

Go, Team . . . Go!

What color are you—blue, red, green or brown? Did you know that by finding out what color you are, you can learn about who you are, what you like and dislike, why you get along better with some of your friends than you do others and why you react the way you do? In this activity, you will learn about others too. Learn what activities you can do to get "destressed" and what it takes to be a team player.

Hair Techniques

Are you a trend setter? Do you like to look your best? Spend time in Moraine Park's salon and day spa *Techniques* to learn the latest in updos, braiding and styling. Get pampered by receiving (and giving) a French manicure, and indulge in a custom-blended mini-facial, complete with a makeup demonstration.

Layout and Design Through Scrapbooking

Creativity is the foundation of many careers. Scrapbooking is not just a fun hobby; it teaches design, layout and balance. Learn different techniques while scrapbooking your favorite summer memories. Bring along your own photos and your imagination!

Marketing for the Future!

Are you creative? Do you enjoy designing and presenting projects to your peers? If so, this is the activity for you! You will learn about what marketing is and how it works. You will also learn about the dos and don'ts of marketing and then create your very own marketing promo to creatively market your product to your classmates!

Made in Wisconsin

Did you know that Wisconsin is the leading state in cranberry production? Or that Wisconsin is third in potato production? Do you like working with animals? Do you like to work with your hands? This class will explore over 400 agriculture-related careers! You will also get to taste different foods through fruit smoothies, gourmet popcorn and a veggie mix all grown right here in Wisconsin!

Now We're Cooking!

Discover new ways to prepare timeless classics! You will make foods such as meat loaf, grilled cheese, pizza, mac n' cheese and many more. During this activity, you will make meals that will be enjoyed by the class each day!

Ready, Set, Build!

Explore the concepts of design and construction by creating blueprints to build your very own catapult. Learn how to safely use powertools to construct your catapult and then launch projectiles across the room! Great for both boys and girls.

Rescue 911 – Be an EMT

You may have seen them on TV or at an emergency scene, now experience the hands-on activities of emergency medical technicians (EMTs). Learn how these health care professionals size up the scene and provide critical care. Learn basic EMT skills, such as CPR, splinting and bleeding control, and how to handle situations such as choking and burn care.

Rev Your Engines!

Engines are used all over the world for producing power. What makes them work? In this activity, you will take apart a small engine and find out how it operates. You will also work with hand tools and learn how to use them safely. Wear clothes suitable for shop work.

Rollin' in the Dough

Want a career in finance? You could be a financial planner, stockbroker, accountant, loan processor, underwriter or bank teller! The list of career possibilities is endless, but they all start with the same basic concepts. This class will teach you to spend less and save more through field trips and classroom activities!

Theater Starz

Learn the basics of theater, the stage and acting. Practice fun games that expand your speaking/academic skills and knowledge. Perform scenes like a professional actor/actress. This course will teach you all you need to know to get comfortable on the stage performing in front of people. Who knows, you could be the next Brad Pitt or Angelina Jolie!

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