



World Wide Web Masters

Design and create your own Web page using HTML and Cascading Style Sheets (CSS). 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!

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.

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.

morainepark.edu/tkc



tech \ˈtek\ *n* 1: technology 2: applied science
knowledge \ˈnäl-ij\ *n* : familiarity gained through experience
college \ˈkäl-ij\ *n* : an institution offering instruction

attend tkc \əˈtend tkc\ *adj* : what cool, smart kids do in the summer!



Moraine Park Technical College Presents
Summer activity for students entering 6th, 7th and 8th grades.

SUMMER 2012 • August 7, 8 and 9



WELCOME

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 7, 8 and 9 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.

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
 Recruitment Specialist
 Moraine Park Technical College

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

ACTIVITIES



Be an Animator!

Create exciting, animated movies for the Web with Flash software. Make circles spin, robots walk, bubbles rise in the air, planes loop, birds fly and 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. This is a fast-paced course; 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

Learn 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.

Computer Lingo

If you enjoy video games, why not learn how to make your very own? Explore the language of Visual Basic programming as you create your very own computer games.

Electricity 101

Do you know what an electrician actually does? This session will teach you the basics of electricity fundamentals, including the use of multi-meters to measure DC circuits. Use the skills learned to build basic electrical circuits.

Electronics

Electronics are all around us! It touches our lives daily from cell phones to the Internet. The future is dependent upon electronics and speech recognition control. Discover how learning about electronics today will benefit you in the future. All students will build their own kit to take home.



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.

Entrepreneurship!

Ever dreamed of starting your own business and being your own boss? Generate ideas in the "big idea factory." Create a business plan including marketing materials in the "planning zone." Sell your idea to others in an "elevator pitch." Voting will determine which business is the most likely to succeed and will win the top prize.



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.



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.

How to Choose 'Em & How to Lose 'Em!

Learn assertive communication skills to not be bullied, create associations and hopefully, build friendships. Enjoy a peer party on the last day.



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!

Host(ess) With the Most(ess)!

Do you like planning parties? Not sure which fork to use first? This session teaches proper dining etiquette including napkin folding, proper serving and proper table setting. Learn to prepare compound butters and scones to serve at your next classy gathering.

Podcasting

Explore the world of podcasting! Develop fun ideas, conduct interviews, write a script and work with technology to learn about podcasting. By the end of the workshop, all participants will create their own "This I Believe" podcast. If you love writing or secretly want your own radio show, this is a session for you!



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, burn care and more. A tour of a fire station and the Flight for Life hanger will be included.

