

WEB DESIGN - "OUR DIGITAL WORLD"

Discover the possibilities of our digital world in a fun, team based educational environment. Students will use the DASH and DOT robots, as well as game and app development in a hands on, and collaborative exploration of computer programming, file handling, logical thinking, database design/creation, and computer application. Field trips to local businesses will provide information about company operations.

ENVIRONMENTAL SCIENCE

The great outdoors is calling. Get outside this summer and explore local ecosystems, conduct research on soil and water quality and vegetation systems, and learn about current and potential threats to these ecosystems.

EMS

The EMS strand will include exciting activities and practical information including: CPR/First Aid certification, examine and stock an ambulance, prepare for an air ambulance (helicopter) landing, interact with air ambulance medics and nurses, extricate a patient from a wrecked vehicle, participate in a SIM Lab emergency simulation, and exploration of health care careers.

MUSIC

Rockin' Guitar provides you an opportunity to build and uniquely design your own electric guitar from a kit. Learn the basics of playing the guitar to perform a song at the end of the school.

APPLY EARLY!

Applications taken on a
first-come, first-serve basis.



EXPERIENCE THE FUN JUNE 11 - JUNE 22

WWW.MECC.EDU/GOVSCHOOL



Mountain Empire Regional Governor's School
sponsored by:

The Virginia Department of Education,
Mountain Empire Community College Foundation,
and Mountain Empire Community College.



MECC GOVERNOR'S SCHOOL

Experience the FUN!

The two-week program features a variety of hands-on activities in one of twelve subject areas selected by the student. Students will spend time in the field, in labs, on tours, and in the classroom with the faculty of **Mountain Empire Community College, receiving 6 college credit hours - tuition free.**

Governor's School 2018 is open to rising sophomores, juniors, or seniors in the counties of Lee, Scott, Wise, and Dickenson and the City of Norton who have a 3.0 GPA or higher.

Interested individuals should contact:
The Governor's School Coordinator,
Dr. John Bledsoe
at 523-2400, ext. 307 or
jbledsoe2@mecc.edu or
Ann Lane at ext. 363 or
alane@mecc.edu

Applications are available
online at:
www.mecc.edu/govschool

**DEADLINE TO
APPLY IS
MAY 18, 2018**

SUBJECTS INCLUDE:

*3D ANIMATION/GAME DESIGN

Are you a gamer? Take your skills to the next level by learning the basic techniques of game design. Create your own 3D game from concept to implementation using traditional and computer-generated animation.

*ART ILLUSTRATION FOR GRAPHIC NOVELS

Love a good story? Create your own narrative by learning character development and illustration techniques. Students will complete a graphic novel they design.

*DRAMA

Calling all drama queens and kings. Produce your own full length play and learn the basic components of play production, from lights to sound, set design and character study. Students will premiere a full-length production of their own creation.

**Designed to satisfy transfer electives for students seeking an MECC Degree.*

ENTREPRENEURSHIP AND REGIONAL TOURISM

Interested in starting your own business? Southwest Virginia's tourism industry is dependent on small businesses. Develop your own business concept while exploring the best of our region's assets.

ENGINEERING

Be an innovator! Use your creative skills to design and 3D print custom prosthetics, drones, and much more. Invent your future in engineering in this exciting field.

DRONES

Immerse yourself in one of the world's most innovative new technologies. Learn to build, configure, maintain, and legally fly drones both for fun and for commercial use. An exciting new career pathway for those interested in Science, Technology, Engineering, and Math (STEM).

June 11 - June 22

**Daily from 9:00 a.m. to 4:30 p.m.
with some extended hours
on field trip days.**

CYBER SECURITY

The FBI anticipates that cyber-attacks will soon become one of the greatest threats to our nation's security. Fight crime by delving into the minds of hackers. Learn how to prevent cyber-attacks while also preparing for one of the nation's most in-demand career fields.

SOLAR POWER

Power up! Learning All About Solar Energy: Ever wonder how solar energy works? Come explore with us how the energy of the Sun is converted into electricity. We will explore how solar panels work by experimenting with several hands-on examples. One of the first labs we will do is to have the students hook up solar panels to a pump to demonstrate the concepts of a solar powered water irrigation system.

**HAVE
FUN
WHILE
YOU
LEARN**