

Kid's Discovery College 2020

Northeast Texas Community College TWO WEEK COURSES

July 6th – July 16th

COURSE DESCRIPTIONS

Robotics I

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-16 years old

Time: 10:00 – 11:30 a.m.

Teacher: April Guzman

Cost: \$77

Robotics I is a fun, hands-on approach in learning programming and design. Students will utilize an interactive Internet-based website to learn programming robots. This course is intended for beginners and is scheduled for an hour and a half. The time allotted for this class is to be understood as a range of time not exact time.

3D Design & Printing

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 10-16 years old

Time: 1:00 – 2:30 p.m.

Teacher: April Guzman

Cost: \$77

Learn how to model 3D objects using Internet-based software. Students will gain an insight into the x-, y-, and z-dimensions and learn how to develop an object for 3D printing. Students will become familiar with how to design objects to be printed on a 3D printer. This course is scheduled for an hour and a half. The time allotted for this class is to be understood as a range of time not exact time.

Say Cheese! Photography and Editing

Level: Beginning

Minimum Students: 7

Maximum: 15

Age Level: 8-16 years old

Time: 9:00 – 10:00 a.m.

Teacher: Duane Johnson

Cost: \$55

Students will learn necessary techniques in taking a good photo using their digital camera or cell phone. Students will have access to an online photography editing program to effectively edit their pictures as well as use their creative ability. The time allotted for this class is to be understood as a range of time not exact time.

Digital Art Design

Level: Beginning

Minimum Students: 7

Maximum: 15

Age Level: 8-16 years old

Time: 1:00 – 2:00 p.m.

Teacher: Duane Johnson

Cost: \$55

Students will learn necessary techniques in creating exciting digital art using their own creative design. Online access to programs will be provided so students can build their own designs. This course is designed for students to use different media to build a creative digital design. The time allotted for this class is to be understood as a range of time not exact time.

Mad Scientist

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-16 years old

Time: 10:00 - 11:00

Teacher: Beth Biggerstaff

Cost: \$55

Do you like to try different experiments and see what happens? This course will bring out the mad scientist in you. You will create splash experiments, mix it up experiments and do some crazy physics tricks. Be prepared to get a little messy. Parents will receive a list of items needed for experiments each day. This course requires at home adult assistance for building experiments at home. The time allotted for this class is to be understood as a range of time not exact time.

Girl's Code

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-12 years old

Time: 10:00 – 11:00 am

Teacher: Angela Smith

Cost: \$55

Activities and discussions will focus on topics such as self-esteem, body image, healthy relationships, and friendship in a supportive environment while creating fun arts and crafts. Other themes will include generosity, integrity, responsibility and leadership. Join us for a fun class and leave with a circle of friends! This class is intended for girls only.

Engineering Design

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-16 years old

Time: 10:30 – 11:30 a.m.

Teacher: Jennifer Danielson

Cost: \$55

This class will teach students how to create various practical items from simple materials while using some engineering practices. An example of one of the projects could be a bridge made of index cards and paper clips to hold quarters. The goal of this course is for students to learn planning and creativity. A list of items used to create projects will be provided before each class. The time allotted for this class is to be understood as a range of time not exact time.

First Responder's Academy

Level: Beginning

Minimum Students: 7

Maximum: 20

Age Level: 10-16 years old

Time: 1:00 – 2:30 p.m.

Teacher: Russell Van Bibber and other area First Responders

Cost: \$65

Firefighters, EMS providers and law enforcement professionals are the first responders that work together to help save lives every day. Does your child want to learn about saving lives and has an interest in learning more about firefighting, emergency medical services (EMS) or law enforcement?

NTCC Kid's Discovery College is hosting a fun, interactive and educational first responder academy. During the eight day academy, middle and high school students will learn from professional who work and train as first responders in our community!

Students will learn about and virtually participate in activities related to:

- **EMS Operations:** emergency scene scenarios, vital signs, CPR, Stop the Bleed (a national awareness campaign)
- **Police Operations:** Fingerprints, Intro to crime scene investigations, police dogs (K-9), self-defense, gun safety, cyber bullying/internet safety,
- **Fire Operations:** Fire extinguisher safety and training, firework safety scenarios, smoke ventilation, emergency rescue

The time allotted for this class is to be understood as a range of time not exact time.

Baking 101

Level: Beginning

Minimum Students: 10

Maximum: 16

Age Level: 10-16 years old

Time: 8:30 – 10:00 a.m.

Teacher: Chef Hannah Parker

Cost: \$62

Do you want to learn how to bake like those kids on the baking shows? Enroll in this class and learn the rules of the kitchen and how to bake a variety of pastries. Chef Hannah will walk students through proper baking procedures and techniques. bake cookies, cupcakes, breads, scones, muffins, pies, tarts, and even a celebration cake. The students will also learn how to make their goodies look tasty as well. This course requires at home adult assistance for building experiments at home. The time allotted for this class is to be understood as a range of time not exact time.

Journalism: How to Interview

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-16 years old

Time: 10:30 – 11:30 a.m.

Teacher: Duane Johnson

Cost: \$55

Students will learn how to master the art of video interviewing by writing their own scripted questions, asking leading questions, and filming an interview. Students will use a cell phone or video camera to film and an access to an online application to edit their stories. The time allotted for this class is to be understood as a range of time not exact time.

Video Game Design

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-16 years old

Time: 9:00 - 10:00 a.m.

Teacher: Jennifer Danielson

Cost: \$55

Do you love to play video games? Have you ever wondered how they are made? Video Game Design I is an innovative course that will allow students to learn how to create their own video game while engaging in the basics of computer programming. Students will be provided access to an online application to be able to build their own video games. The time allotted for this class is to be understood as a range of time not exact time.

Animation

Level: Beginning

Minimum Students: 7

Maximum: 16

Age Level: 8-16 years old

Time: 8:30 – 9:30

Teacher: Beth Biggerstaff

Cost: \$55

Have you ever wanted to learn how to make your own animation? This course will provide online access to an application that will provide either 2D or 3D animation creation. Students will learn various techniques and terminology used to create video animations. The time allotted for this class is to be understood as a range of time not exact time.

INSTRUCTORS

April Guzman –3D Design & Print, Robotics I

Duane Johnson – Say Cheese!, Journalism: How to Interview, Digital Art Design

Jennifer Danielson – Video Game Design, Engineering Design

Angela Smith – Girl’s Code

Hannah Parker – Baking 101

Russell Van Bibber – First Responder Academy

Beth Biggerstaff – Mad Scientist, Animation