



BLACK ROCKET YOUTH TECHNOLOGY AT LLCC

Spring 2018 • Ages 8-11 or 12-15 • Monday-Thursday • 9 a.m.-noon or 1:30-4:30 p.m.

\$145 per class • *\$165 per Virtual Reality class • Class descriptions on next page

Black Rocket STEAM (Science, Technology, Engineering, Arts and Mathematics) classes are powered by student imagination and designed to bring ideas to life in a fun, hands-on learning environment that mirrors real-life experiences and the collaborative nature of the design process. Students work in pairs or teams for most of the program. Projects will be accessible on a private Black Rocket site to share with friends and family.

Register by using the online form at www.llcc.edu/community-education or by referring to the code listed in the class descriptions and calling **217-786-2432.**



Lincoln Land Community College Community Education is a self-sustaining program.

JUNE 11-14, 2018

CLASS	AGES	TIME	CODE	LOCATION
LEGO® Video Games	8-11	9 a.m.-noon	YES 101-07	Logan Hall, Room 1136
LEGO® Video Games	8-11	1:30-4:30 p.m.	YES 101-08	Logan Hall, Room 1136
Python Programmers	12-15	9 a.m.-noon	YES 101-09	Workforce Careers Center, Room 2113
Python Programmers	12-15	1:30-4:30 p.m.	YES 101-10	Workforce Careers Center, Room 2113
Virtual Reality: The Future Is Now*	12-15	9 a.m.-noon	YES 101-11	Workforce Careers Center, Room 2115
Virtual Reality: The Future Is Now*	8-11	1:30-4:30 p.m.	YES 101-12	Workforce Careers Center, Room 2115

JUNE 18-21, 2018

CLASS	AGES	TIME	CODE	LOCATION
Make Your First Video Game!	8-11	9 a.m.-noon	YES 101-13	Logan Hall, Room 1136
Make Your First Video Game!	8-11	1:30-4:30 p.m.	YES 101-14	Logan Hall, Room 1136
Make Your First 3D Video Game!	12-15	9 a.m.-noon	YES 101-15	Menard Hall, Room 2206
Make Your First 3D Video Game!	12-15	1:30-4:30 p.m.	YES 101-16	Menard Hall, Room 2206
Minecraft® Designers	8-11	9 a.m.-noon	YES 101-17	Workforce Careers Center, Room 2115
Minecraft® Designers	12-15	1:30-4:30 p.m.	YES 101-18	Workforce Careers Center, Room 2115

JUNE 25-28, 2018

CLASS	AGES	TIME	CODE	LOCATION
LEGO® Films and Stop Action!	8-11	9 a.m.-noon	YES 101-19	Logan Hall, Room 1136
LEGO® Films and Stop Action!	8-11	1:30-4:30 p.m.	YES 101-20	Logan Hall, Room 1136
Game Labs: Collaborate-Create-Compete	12-15	9 a.m.-noon	YES 101-21	Menard Hall, Room 2206
Game Labs: Collaborate-Create-Compete	12-15	1:30-4:30 p.m.	YES 101-22	Menard Hall, Room 2206
Minecraft® Modders	8-11	9 a.m.-noon	YES 101-23	Workforce Careers Center, Room 2115
Minecraft® Modders	12-15	1:30-4:30 p.m.	YES 101-24	Workforce Careers Center, Room 2115

JULY 9-12, 2018

CLASS	AGES	TIME	CODE	LOCATION
App.io: Make Your First Multiplayer App!	8-11	1:30-4:30 p.m.	YES 101-25	Logan Hall, Room 1136
ROBLOX® Makers-Coders-Entrepreneurs	12-15	1:30-4:30 p.m.	YES 101-26	Logan Hall, Room 1139
Virtual Reality: The Future Is Now*	8-11	1:30-4:30 p.m.	YES 101-27	Workforce Careers Center, Room 2115

JULY 16-19, 2018

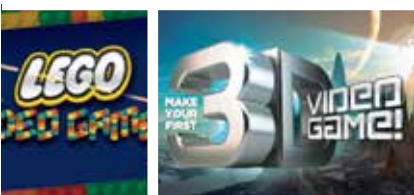
CLASS	AGES	TIME	CODE	LOCATION
App.io: Make Your First Multiplayer App!	12-15	1:30-4:30 p.m.	YES 101-28	Logan Hall, Room 1136
Minecraft® Designers	12-15	1:30-4:30 p.m.	YES 101-29	Logan Hall, Room 1139
ROBLOX® Makers-Coders-Entrepreneurs	8-11	1:30-4:30 p.m.	YES 101-30	Menard Hall, Room 2206

JULY 23-26, 2018

CLASS	AGES	TIME	CODE	LOCATION
Minecraft® Designers	8-11	1:30-4:30 p.m.	YES 101-31	Logan Hall, Room 1136
ROBLOX® Makers-Coders-Entrepreneurs	8-11	1:30-4:30 p.m.	YES 101-32	Logan Hall, Room 1139
Virtual Reality: The Future Is Now*	12-15	1:30-4:30 p.m.	YES 101-33	Workforce Careers Center, Room 2115

JULY 30-AUG. 2, 2018

CLASS	AGES	TIME	CODE	LOCATION
Minecraft® Modders	12-15	9 a.m.-noon	YES 101-34	Logan Hall, Room 1136
Minecraft® Modders	8-11	1:30-4:30 p.m.	YES 101-35	Logan Hall, Room 1136
Virtual Reality: The Future Is Now*	8-11	9 a.m.-noon	YES 101-36	Logan Hall, Room 1139
Virtual Reality: The Future Is Now*	12-15	1:30-4:30 p.m.	YES 101-37	Logan Hall, Room 1139



APP.IO: MAKE YOUR FIRST MULTIPLAYER APP!

If you like to play Agar.io or Slither.io, you will love this class! Explore the most popular .io apps, design your own multiplayer experience and learn how to code your own. Become the creator of the next viral web app and share with family and friends!

GAME LABS: COLLABORATE-CREATE-COMPETE IN THE ULTIMATE VIDEO GAME EXPERIENCE

For serious gamers only! Learn advanced level editing, simple 3D modeling, intermediate event scripting and the impact of game play on user experience as you develop games using a unique gaming engine. *System requirements for sharing the project at home: 2 GB of RAM and 2.0 GHz processor.*

LEGO® FILMS AND STOP ACTION!

Bring in your favorite action figures and/or LEGOs, and bring dreams to the screen. *Please bring LEGOs and action figures from home. All recording/production equipment is provided.*

LEGO® VIDEO GAMES

Combine your two favorite activities: LEGOs and video games! Create your own characters and adventures in an interactive 2D video game. *Games are PC compatible only. Mac versions can be created after the program ends for a \$15 conversion fee payable directly to Black Rocket.*

MAKE YOUR FIRST VIDEO GAME!

Conceptualization, play experience, level design, graphics, sound and simple coding are just some of the concepts you'll explore as you learn the keys to designing your first 2D platformer game. *Games are PC compatible only. Mac versions can be created after the program ends for a \$15 conversion fee payable directly to Black Rocket.*

MAKE YOUR FIRST 3D VIDEO GAME!

Go beyond the limitations of traditional 2D design, and create an immersive 3D world! In this interactive class you will learn basic 3D physics and explore beginner event scripting, level design, gameplay flow control and storytelling.

MINECRAFT® DESIGNERS

If you love Minecraft and always wanted to design your own world, this class is for you! Learn how to create a custom map, the basics of creating 3D models, how to build with redstone and command blocks and how to create custom textures. *To access projects at home, PC/MAC versions of Minecraft are required. Tablet, phone and game console versions are not compatible.*

MINECRAFT® MODDERS

Use Minecraft to learn the basics of modding and foundations of programming. Introductory coding will also be taught through a simulated environment inspired by Minecraft. *To access projects at home, PC/MAC versions of Minecraft are required. Tablet, phone and game console versions are not compatible.*

PYTHON PROGRAMMERS: MAKE YOUR OWN MULTIPLAYER GAME!

YouTube, Google, Instagram and Spotify were created with Python! Learn how to code with Python, and create your own multi-player adventure game. Each lesson takes you step-by-step to start you on a programming path that will let you challenge friends with a fun game you built from scratch!

ROBLOX® MAKERS-CODERS-ENTREPRENEURS!

Discover how to code in the LUA language while playing and designing worlds in ROBLOX®, an online universe where you can create anything you dream of. Young entrepreneurs will also learn how to navigate Roblox's fast-growing marketplace to publish their games.

VIRTUAL REALITY: THE FUTURE IS NOW

In this cutting edge class, you will learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments and crafting memorable 3D experiences. *Students do not need a mobile device, but to use a VR headset at home will require access to an Android or Apple mobile device.*

