**KIDS & TEENS COLLEGE**  (ages 8-15)
SUMMER 2020 JUNE 15 – JULY 31

**CAREER EXPLORATION**

1. **3D PRINTING FUN**
The real magic in 3D printing happens when you create your own designs. Students will learn how to use Autodesk Fusion 360 to design practical and functional products that can be 3D printed. Upon completion of the course students will have the skills and confidence to begin creating your own designs and start turning your ideas into physical objects.

   EDI0978  20 HRS.  $249  STEM

2. **ADVENTURE CAMP: WATER SPORTS @ TIGERTAIL LAKE**
   Enjoy the ultimate outdoor water sports adventure while discovering tools to be successful in school! Discover your innovative leadership qualities for a greener future in watersports activities and group ropes course challenges. Course will explore the dynamics and principles of teamwork. Don’t stay home, join us and splash into success. Watersports activities and group ropes course challenges are scheduled based on weather. Course meets at the scenic Tigertail Lake Center Fridays only.

   EDI0716  40 HRS.  $299  STEM

3. **ALGEBRA FOR REAL LIFE**
   Why study algebra? You can’t live without it! You will be guided through daily applications of algebra in real life. Develop a rich understanding of math while you study algebra in a supportive learning environment. Sharpen that pencil and be ready to become an algebra master!

   EDI0724  10 HRS.  $99  Education

4. **APP ATTACK!**
   Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app and game development tool, students will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of app publishing functions.

   EDI0992  10 HRS.  $149  STEM

5. **APP.IO: MAKE YOUR FIRST MULTIPLAYER APP**
The hottest new Apps are IO apps! Like to play Agar.io or Slither.io? Become the creator of the next viral web app! In this class, explore the most popular IO apps, design your own multiplayer experience and learn how to code your own app.

   EDI0051  10 HRS.  $149  STEM

6. **AVIATION CAMP: YOUNG PILOTS**
   Man the controls in the cockpit and learn how to become a pilot. Learn the different parts of a plane and practical avionics and plane maintenance. This innovative program demonstrates what it takes to become a professional in the Aviation industry.

   EDI0939  10 HRS.  $149  Aviation

7. **BATTLE ROYALE:FORTNITE® STYLE GAME**
   Fans of Fortnite we need you! Instead of playing the game, design your own. Using a professional 3D game development software, build levels and assets inspired by popular battle royale games like Fortnite. This course includes cartoonish action and battle sequences.

   EDI0318  10 HRS.  $149  STEM

8. **BECOME A TEACHER**
   Prepare for a career in education. Teachers and Child Care workers keep children safe, care for their needs, and help them with their development through reading and engaging in activities. Analyze the routes to professional educator certification including the types of certificate available. Discuss the qualities of effective teachers and how those qualities relate to student achievement.

   EDI0935  10 HRS.  $99  Education

9. **BECOME A YOUTUBER**
   Kickstart your video blogging career! Learn how to develop, maintain and promote your video blog. Learn the steps to take your idea from concept to reality using simple tools including your cell phone, apps, and Windows Live Movie Maker. This hands-on class teaches you the elements of branding, finding your niche, step-by-step content development, and site set-up.

   EDI0380  10 HRS.  $99  Business
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10. CEO - LEADERSHIP & MANAGEMENT
Learn the skills necessary to establish business projects step-by-step. This course will guide project management leaders through: introductory project management concepts, practical applications for implementing management techniques and advanced applications tutorial to impact a greater understanding and effectiveness in applying the concepts.
EDI0381  10 HRS.  $149  Business

11. CERAMICS
Learn the techniques to become a ceramic engineer. This course is an interactive study of ceramic shaping techniques including both wheel throwing of vessels and hand building, glazing, decorating and various firing environments. Take advantage of this opportunity to try your hands at ceramics.
EDI0979  20 HRS.  $249  The Arts

12. CFO - PERSONAL FINANCE
Embark on an adventure into the world of finance. Take an investing assessment to discover areas to develop and improve your personal finances. Learn tools to establish and keep money, investment concepts, stocks opportunities, negotiation skills, banking relationships, and more.
EDI0254  10 HRS.  $99  Business

13. CHESS – BUSINESS STRATEGY
Learn Chess! This strategic game strengthens academic performance, increases IQ, enhances cognitive skills, instills confidence and improves critical thinking and pattern recognition. Discover how this strategic game improves business thinking in the real world. Course will cover tactics and strategies, good sportsmanship, and how to develop a competitive spirit.
EDI0383  10 HRS.  $99  Business

14. CODE BREAKERS
Calling all future coders, programmers, & designers! Learn the basics of coding languages like HTML, JavaScript, and CSS through a series of web projects and design challenges each day and be on your way to becoming the next tech star! Whether you want to be a Silicon Valley CEO or the high school student who just made $1 million dollars for programming in her bedroom, this course has the essentials you need to begin your journey.
EDI0384  10 HRS.  $149  STEM

15. COMPUTER DESIGNING: CREATE A COMPUTER
Build your own computer! Students will be able to look inside the computer and learn about hardware that drives sound, power, pixels, and processors. Moreover, learning to code with playful step-by-step challenges that use simple Pre-Code Blocks, Type Codes and Linux Commands. Starting up with simple code and leveling up as they make art, games, and music, hack Minecraft, make lights flash.
EDI0386  20 HRS.  $199  STEM

16. COSMETOLOGY
Start your business! Learn the art of styling, applying make-up and giving a manicure. Have fun while learning how to take care of your hair, nails, skin, and apply make-up! Students will be required to provide skin care and make-up items to use during class. Other class materials provided
EDI0012  10 HRS.  $99  Business

17. CREATIVE WRITING
Learn the mystery and beauty you can create from your own imagination. This course looks at types of poetry, fables, biography and journal writing. Learn how to use tools to publish an e-book.
EDI0391  10 HRS.  $99  The Arts

18. DIGITAL PHOTOGRAPHY
Start your business. Gain an understanding of the fundamentals of digital photography. Discover how to prepare for the shoot, lighting techniques, styles genres, and create your start-up portfolio. Study the art industry through hands-on activities. Bring camera to class for live photo session.
EDI0473  10 HRS.  $99  Business

19. DRONE PILOT
Get introduced to basic aerodynamics through the growing industry of drone technology. They will learn the basics of flight, drone safety, and learn how to build, code, and fly different types of drones. They will be challenged to build their own remote control and program using different platforms as Snap Block and Arduino to operate a drone. They will engage in activities such as laser tag drone battles, precise autonomously landing missions and much more!
EDI0938  20 HRS.  $249  Aviation

broward.edu/youth  Courses subject to change without notice.
CAREER EXPLORATION

20. ELECTRONICS AND CIRCUITS
Harness the power of electricity! Learning electronics is fun and easy with this hands-on class. Explore how everyday items work and build your own projects. This class covers electricity, electronics, circuitry, troubleshooting, and logic. Students will make take-home projects.

EDE0122  20 HRS.  \$249  STEM

21. FASHION AND DESIGN
Start your business. Enhance your creative appeal and learn what it takes to begin a career in the art world. Discover the pathway to becoming a fashion designer, and interior designer in this hands-on course. Discover the art industry through hands-on activities.

EDI0665  10 HRS.  \$99  Business

22. GAME CREATOR WITH PYTHON
YouTube, Google, Instagram and Spotify - what do they have in common? They were created with Python. Learn how to code with Python and create your first 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 build from start to finish!

EDI0975  10 HRS.  \$149  STEM

23. GRAPHIC DESIGN WITH PHOTOSHOP
Become a graphic designer and learn photo editing and composition skills using Photoshop. Practice with real-world examples, challenges, and thought-provoking assignments, and learn how to determine a client’s needs.

EDI0683  10 HRS.  \$99  The Arts

24. HTML - CODE YOUR ADVENTURE!
Watch as the characters in your imagination come to life in this unique course that blends classic storytelling with animation techniques and coding. Learn how to create your own text-based adventure games with variables, conditional logic, images, HTML, CSS, and JavaScript.

EDI0976  10 HRS.  \$149  The Arts

25. INDIVIDUAL EXCELLENCE NEW
Be a better version of yourself! Learn career enhancing soft skills including goal setting, time management, personal organization, creativity, and conflict resolution. This course will help you achieve individual excellence by developing a fulfilling career plan and gaining the skills to improve all your interpersonal relationships.

EDI0813  10 HRS.  \$99.00  Business

26. LEAN SIX SIGMA CERTIFICATION
Earn the prestigious Lean Six Sigma White Belt! This course covers the basics of process improvement and business excellence practiced by many Fortune 500 Corporations and their suppliers. The hands-on activity of this course provides participants a chance to apply basic Lean Six Sigma process mapping and improvement methodology.

EDI0713  10 HRS.  \$149  Business

27. LEGO® VIDEO GAMES NEW
Combine your two favorite activities: LEGOs and Video Games! Students will create their own LEGO characters and adventures in an interactive 2D Video Game. At the end of the program, every student will have a finished LEGO Video Game that can be shared with friends and family through a password protected Black Rocket website. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

EDI0814  10 HRS.  \$149.00  STEM

28. MICROSOFT EXCEL NEW
Microsoft Excel is the standard spreadsheet application for both the business world and personal use. This course will teach you basic to advanced features of Excel. Whether you are new to Excel or an advanced user, this course will cover what you need to know to become an Excel power user.

EDI0749  10 HRS.  \$149  STEM

29. MICROSOFT OFFICE – INTRO TO COMPUTERS
Enhance your child’s typing abilities. In this class, students will learn keyboarding, and basic formatting with Microsoft Word and basic graphs with Microsoft Excel.

EDI0719  10 HRS.  \$149  STEM
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CAREER EXPLORATION

30. MICROSOFT POWERPOINT
Easily develop a presentation using the features of PowerPoint. Topics include: organizing your ideas, using built in templates and creating your own templates, importing photos, sound, animation, and tools.
EDI0748  10 HRS.  $149  STEM

31. MINECRAFT® ANIMATORS
Bring your favorite Minecraft characters to life in an animated short film! Learn how studios like Pixar and Disney make movies like Inside Out and Frozen by using techniques like keyframing, tweening, texturing, and animating rigged 3D models!
EDI0946  10 HRS.  $149  STEM

32. MINECRAFT® MODDERS
Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft.
EDI0899  10 HRS.  $149  STEM

33. NURSING CAREERS
Discover the field of medicine and learn what it takes to become a nurse. Students will learn how doctors and medical professionals deal with emergency scenarios and discover the path towards a career in health sciences. Use this experience to discover if nursing is the future career for you.
EDI0721  10 HRS.  $99  Health Sciences

34. PROJECT MANAGEMENT FOR TEENS
Project Management is an essential skill. Learn the skills necessary to complete project steps based on your goals. Students will discover the principles and terminology from A Guide to the Project Management Body of Knowledge (PMBOK® Guide), the standard of project management's recognized good practices.
EDI0750  10 HRS.  $149  Business

35. PUBLIC SPEAKING AND LEADERSHIP
Be more confident when speaking to others or alone! This course covers the skills needed for successful public speaking to get your point across.
EDI0732  10 HRS.  $99  Business

36. ROBLOX® MAKERS
Unlock the power of ROBLOX® Studio, the world creation tool used by real world ROBLOX® developers! Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design. Student-created projects will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program.
EDI0747  10 HRS.  $149  STEM

37. ROBOTICS: ARDUINO
The program offers a hands-on, project-based learning approach to teaching STEM (Science, Technology, Engineering and Math) concepts in a fun and engaging way. Arduino robots are board programmable robots.
EDI0943  20 HRS.  $249.00  STEM

38. ROBOTICS: LEGO® ROBOTS
The program offers a hands-on, project-based learning approach to teaching STEM (Science, Technology, Engineering and Math) concepts in a fun and engaging way. NXT and EV3 robots are programmable building block robots.
EDI0941  20 HRS.  $249.00  STEM

39. ROBOTICS: UNDERWATER ROBOTS
Hands-on educational fun opportunity where students will each construct and operate an underwater remotely operated vehicle (ROV).
EDI0942  20 HRS.  $249  STEM

40. ROCKET KART RACERS (GAME DESIGN) NEW
On your marks, get set, create! Blast off in making your first 3D Mario Kart® and Crash Team Racing® style game! Design your own tracks and customize your karts and characters. Using a professional 3D game development software, students will combine their creations into their own kart racing game that they can play with friends and family at home. Students will work in pairs or teams for most of the program.
EDI0820  10 HRS.  $149.00  STEM
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41. **SAT PREP – MATH**
Maximize your SAT score! Review the math skills presented in this standardized test, and learn tips, strategies and techniques. This is a must for any four-year college applicant.
EDI0725 10 HRS. $149 Education

42. **SAT PREP - WRITING AND VERBAL**
Maximize your SAT score! Review the verbal skills presented in this standardized test, and learn tips, strategies and techniques. This is a must for any four-year college applicant. Enhance your writing skills and get ready for the Essay section of the SAT test.
EDI0726 10 HRS. $149 Education

43. **SHARK TANK - BUSINESS INNOVATION**
Start your business. Learn the fundamentals of starting and running your own business. Become an entrepreneur of your “virtual” company and get ready to be successful! Design a business startup from concept to product launch and learn how to make the critical decisions of an entrepreneur!
EDI0730 10 HRS. $99 Business

44. **SOCIAL MEDIA MARKETING**
Connect with your audience like a Pro! Build your brand and increase exposure. Learn the fundamental skills in social media platforms and their uses. Create relevant content that engages the target audience with your marketing message, and plan and execute an effective social media marketing plan.
EDI0751 10 HRS. $149 Business

45. **SPANISH IMMERSION**
Discover a dynamic approach to learn and immerse yourself in Spanish as a second language. Students will learn practical sentences and phrases for everyday life. Course also explores cultural views through fun activities and assignments.
EDI0731 10 HRS. $99 Education

46. **START YOUR BUSINESS**
Take your dream of starting a business and make it reality. Learn aspects of business startup; legalities of setting up your business and decide which option is best for your venture, choosing a name, essentials of a good business plan, explore ways to fund your business, the basics of borrowing, promoting/marketing strategies to outperform the competition, basic web design tips, trademarks for small business, registering and incorporating your business.
EDI0769 10 HRS. $149 Business

47. **THEATER: ACTING FOR KIDS AND TEENS**
Build your acting skills in this fun and comprehensive acting course. Discover the tricks of the trade as you learn to develop your character, stage presence and techniques to wow the audience. This is a Kids & Teens course.
EDE0452 20 HRS. $199 The Arts

48. **TUTORING: MATH, READING, & WRITING**
Certified teacher will provide tutoring based on student’s needs. Lessons will mirror concepts covered in school. Assessment to identify student’s current abilities will be given on first day of class. Bring current report card to first class session.
EDI0263 10 HRS. $149 Education

49. **TYPING & KEYBOARDING**
Learn to build on your accuracy and become a more efficient in typing. No two-finger typing or hunting and pecking allowed! Be guided through exercises that will improve your speed and agility with the keyboard.
EDI0770 10 HRS. $99 STEM

50. **VIRTUAL REALITY: THE FUTURE IS NOW**
Embark on an EPIC adventure in virtual reality! 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. At the end of the week, take home your first cardboard VR headset to show friends and family the new worlds you created.
EDI0821 10 HRS. $179.00 STEM
CAREER EXPLORATION

51. WEB APPLICATIONS DEVELOPER
Gain the knowledge you need to create dynamic database-driven websites using the latest technologies. You’ll master basic HTML (the core technology behind almost all websites), learn CSS for designing pages, and discover how to make your pages more dynamic with JavaScript.
EDI0736 10 HRS. $149 STEM

52. YOUNG ARCHITECTS
Learn the basics of structurally sound architecture feats. Students will complete activities to uncover how buildings are made from conceptual draft to finished product. This course includes an overview of software used in the industry.
EDI0056 10 HRS. $99 STEM