Capital Robotics Club

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https://www.CapitalRoboticsClub.com

Beat this Pandemic Together

FREE!

Virtual Programming Course Series - 2nd Course

Practice Python with

CodingBat.com

Brought to you by **VEX** Robotics Team - VRC 99909A Rising Phoenix

- 2017 VEX Robotics World Championship - Excellence Award (the highest award)
- 2016 and 2019 VEX Robotics World Championship - Design Award
- 2018 VEX Robotics World Championship - Create Award
- 2016, 2018, and 2019 VEX IQ Robotics Virginia State Champion

Join us on the *"Team 999A Rising Phoenix"* YouTube Channel every Tuesday at 5:00 PM for free programming classes starting August 4th! *(Age 8 - 14)*

Practice Python with CodingBat.com Class Syllabus

To reinforce and apply what we learned about Python Basics (Variable/types, Operators, Test & Loop, I/O, Functions, OOP) in our 1st programming course, we will lead students

to practice their Python skills using CodingBat.com (leading coding practice site used by best high schools to prepare students for advanced CS courses).

For students who miss our Python basics course or want to brush up on their Python basic knowledge, please watch our Python Basics course videos on our YouTube channel:

https://www.youtube.com/watch?v=jP1xCxHZMlg&list=PLjRJ1Y9LeY1A0uAhvlGMnnu1ymorRjciR

Programing Course Series

1. Python Basics

2. Practice Python with CodingBat.com

3. Java Foundations

4. Java Data Structures

5. RobotC Intro (Programming language for Vex IQ Robotics Competition)

6. C++ (PROS) intro (Programming language for VRC Robotics Competition)

7. Fusion 360 (CAD design) + Cura (Slicer) + 3D printing