Java Courses (tons online; here are some good ones):

[https://codehs.com/course/apcsanitro/overview](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttps://codehs.com/course/apcsanitro/overview%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646449302%26amp;usg%3DAOvVaw20sZPeb2oS1hTFihAGxcds&sa=D&source=docs&ust=1725743646453620&usg=AOvVaw1gPrge3CZtBuO_LpJl4D8g)

[https://www.codecademy.com/learn/learn-java](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttps://www.codecademy.com/learn/learn-java%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646449619%26amp;usg%3DAOvVaw2Wz91n7oYNBcBk4pWxs8l3&sa=D&source=docs&ust=1725743646453732&usg=AOvVaw1mCN0vEEdhKpCCG9onTSR6)

[https://www.edx.org/learn/java/purdue-university-ap-computer-science-a-java-programming](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttps://www.edx.org/learn/java/purdue-university-ap-computer-science-a-java-programming%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646449861%26amp;usg%3DAOvVaw3jBD7tvhYYnCmoaMkHI7uq&sa=D&source=docs&ust=1725743646453789&usg=AOvVaw1oHDDcakE9VJHXitfF5MKx)

Android Studio FTC Programming Guide: [https://ftc-docs.firstinspires.org/en/latest/programming\_resources/android\_studio\_java/Android-Studio-Tutorial.html](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttps://ftc-docs.firstinspires.org/en/latest/programming_resources/android_studio_java/Android-Studio-Tutorial.html%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646450116%26amp;usg%3DAOvVaw0D3JdRH0-b818ucRhxdAFd&sa=D&source=docs&ust=1725743646453854&usg=AOvVaw3nQCN3oltZWgTmkN6v8vmH)

Roadrunner Quickstart Guide: [learnroadrunner.com](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttp://learnroadrunner.com%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646450381%26amp;usg%3DAOvVaw2rRlFkOGkw1jc9ETTbPYCg&sa=D&source=docs&ust=1725743646453913&usg=AOvVaw0oyaL_gOzPUAjc4cjRyV-E)

General strategies for autonomous period: [https://firstroboticsbc.org/ftc/ftc-team-resources/centerstage-autonomous-programs/](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttps://firstroboticsbc.org/ftc/ftc-team-resources/centerstage-autonomous-programs/%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646450596%26amp;usg%3DAOvVaw1W5z5oUl5cFn78A6FZvZ0B&sa=D&source=docs&ust=1725743646453978&usg=AOvVaw2g_4B9dnFGjCjpYo4w5BfO)

Sample code for an FTC robot controller: [https://github.com/FIRST-Tech-Challenge/FtcRobotController/tree/master](https://www.google.com/url?q=https://www.google.com/url?q%3Dhttps://github.com/FIRST-Tech-Challenge/FtcRobotController/tree/master%26amp;sa%3DD%26amp;source%3Deditors%26amp;ust%3D1725743646450864%26amp;usg%3DAOvVaw21SskS1G75eCa1VgqwOnEm&sa=D&source=docs&ust=1725743646454072&usg=AOvVaw3eyA7VFiggFpOPOCB9xC-9)

Information about the electronic parts that may be used, including wiring and motors:

https://gm0.org/en/latest/docs/power-and-electronics/