## National Equity Lab Spring 2025

**Course Offerings** 

Earn college credits from prestigious Universities! Open to 10th, 11th, and 12th graders with a 3.0 or higher! Class meets Periods 1/5. Apply Today!

https://bit.ly/3ZSGU4s







## Grit Lab: The Psychology of Passion and Perseverance

In this course, you'll learn ways of thinking about engineering living matter to benefit all people and the planet. You will be able to deconstruct complicated problems, understand microbial human anatomy, conceptualize the engineering of biological systems, and much more.

Open to 10th and 11th Grade.



Drawing on primary texts from important thinkers in the tradition, we will study the central questions of philosophy as they evolve over time: metaphysics (who are we and where are we?); epistemology (what can we know and how can know it?); and ethics (how should we live?). You will gain a familiarity with some canonical texts and develop skills of close-reading, group discussion, and essay writing when it comes to ethical inquiry.

## Introduction to Bioengineering

In this course, you'll learn ways of thinking about engineering living matter to benefit all people and the planet. We're going to tackle some pretty fun, and pretty complex, concepts- but, with the right tools, which we will provide you, you will be able to deconstruct complicated problems, understand microbial human anatomy, conceptualize the engineering of biological systems, and much more.



For questions contact Mrs. Martinez at C.martinez@birminghamcharter.com