

INNOVATION, DESIGN, AND ENGINEERING ACADEMY

WE HAVE AN IDEA FOR YOU...

**The Stateless Collective Summer
Accelerator is Here!**

*Post-secondary endeavors can be daunting mountains to scale.
Prepare students to take on the climb with the help of
human-centered, collegiate-level learning
delivered right in their neighborhood!*

Applications are open until June 25th!



IDEA PROFILE

The Innovation, Design, and Engineering Academy (IDEA) is a 3-week intensive program for high-school students that focuses on skill building, innovative mindsets, and experiential learning—all at a collegiate level.

ABOUT US

Whether it's college, trade school, or an early career, IDEA provides students with a "hiker's toolbox" of educational and practical skills to help them prepare for the next big mountain in their lives. The program consists of a multi-session, class block schedule in which students engage in community-centered design projects spanning several focus areas.

Students will take two courses: one practical class and one thematic class. Practical classes are centered around applying one solution to many problems, while Thematic classes focus on one problem that can be tackled with many solutions.

Our Mission Behind This Programming is to Foster an Educational Experience That is..



INDIVIDUALIZED

We encourage students to choose their own trail with a variety of personalized skill-building projects, so no two experiences are alike.



DIVERSE

We focus on providing marginalized communities and underrepresented demographics with pathways into careers they are systemically tracked away from.



EXPLORATORY

Our hiring team targets recent college graduates and young industry professionals, as they are able to uniquely connect with students and aid them as they experiment with different passion projects and research interests.



AFFORDABLE

Tuition for IDEA is only \$200 per student, with a nominal \$100 Materials fee to provide students with on-site resources. There are multiple scholarship avenues for families demonstrating financial need.



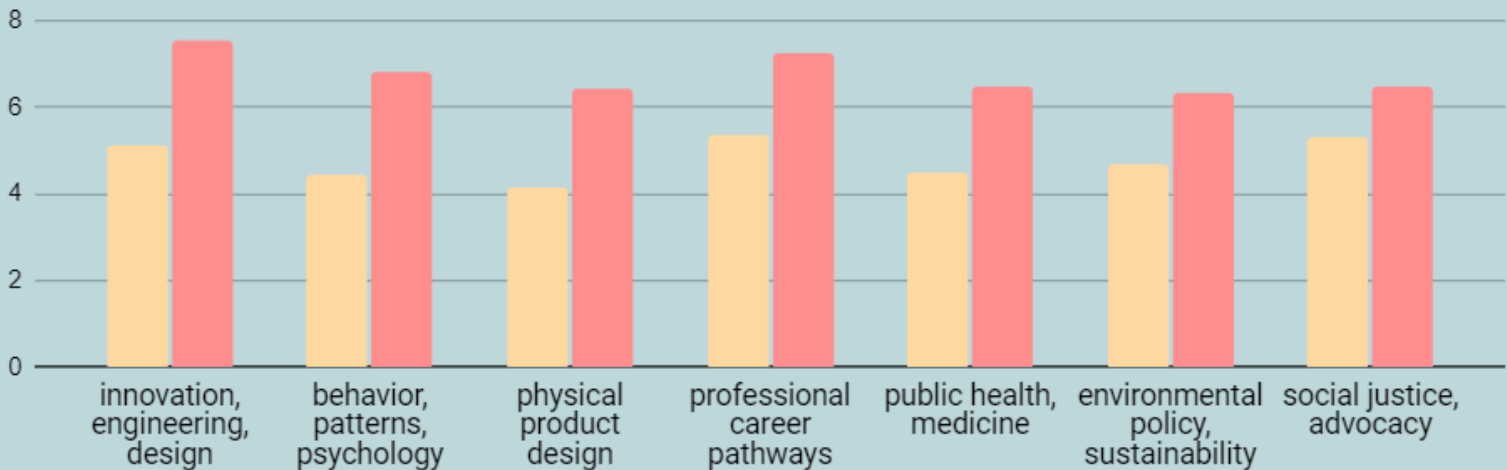
@thestatelesscollective

IDE@Wayland Case Study

See the measurements of success and our subsequent evaluation.

IDEA 2022 Knowledge Gap Data

Before IDEA After IDEA



Based on a 1-10 scale, students rated their skill building and learning **before** and **after** the program. In all categories that we teach, we saw between a **1.5-2.5 increase in their capacities.**

Student Testimonials

"I feel like without this program, my summer would be much less productive."

"I think that the IDEA courses really inspired me and taught me SO MUCH. I enjoyed the in-depth learning and things felt much more hands-on. I could utilize this learning environment much better than school to help me for the future."

"There is a point where it's hard to get any better. As the counselors, you all offered us so much support, positive, eager energy, and taught us a lot. The material composed and the way you all taught it while keeping me at full attention is a great skill. I always felt intrigued."



What To Expect:

By The Numbers

10
Staff

Catered Learning Experience

Our 1:12 teacher-student ratio allows for a personalized, immersive education full of hands-on activities and deep-end discussions

3
Weeks

Program Dates/Times

3 Weeks of In-Person Programming (July 8-July 26)
Monday-Friday from 9am-2pm

2
Schools

Choose Your Campus

Students will have the option of joining us at either Wayland Public Highschool's *Weld Center* or Boston University's *BUILD Lab*

1
Demo
Day

Demo Day Symposium

At the end of the program, all of our students will come together to present the many projects they have been working on to various stakeholders





New to IDEA? Check out Last Year's Course Selection:

3D Printing & Laser Cutting

Topics: 2D & 3D CAD, Conceptualization, Printing and Demoing

Game & App Design

Topics: Agile Scrum, Recursion, User Centric design, Java, Python

The Psychology of Business

Topics: Perception, Marketing, Entrepreneurship, Communications

Environmental Engineering

Topics: Energy, Recycling, Ecosystems, Sustainability, Climate Action

Biomedical Engineering

Topics: Accessibility, Medicine, Human Physiology, Public Health

Multimedia Social Justice

Topics: Legal Studies, Equitability, DEIA, Civil Service & Government

Our course offerings may vary from year to year so that students can have a fresh experience with each summer. Student interest drives our course selection process, so apply today to share your passions with us!

2024 Course Offerings will be announced to accepted students in April.



2024 Innovation Trailheads:

Which path of discovery will you embark on?

Conversations

What topics drive scholarly discourse? How can we utilize language to empower positive impact and discern against negative ideologies?

*Interest may include:
Forums, Politics, Storytelling*

Creations

What creations can we design and implement to improve the quality of the human experience?

*Interest may include:
Engineering, Art, Health*

Conclusions

What conclusions about the world are misunderstood or lacking, and how do we fill that gap?

*Interest may include:
Education, Research,
Presentation*

Connections

What connections can we form to sustainably and equitably serve all individuals of our world?

*Interest may include:
Business, Networking,
Proposals*



Example Course Pathways:

What classes should my student take?

Below are some potential schedules a student could have depending on their interests. However, these are just a few example pathways—students can mix and match these options to create the schedule that makes the most sense for them!



IF YOUR STUDENT IS INTERESTED IN...

Medicine and Public Health, Pre-Med

A2: Biomedical Engineering: Health and Medicine

B3: Environmental Engineering: Climate Action

C3: Conclusions



IF YOUR STUDENT IS INTERESTED IN...

Technology and Design

A3: 3D Printing and Laser Cutting

B1: Game and App Design

C3: Creations



IF YOUR STUDENT IS INTERESTED IN...

Social Justice and Advocacy, Pre-Law

A2: Problems Worth Solving: Multimedia Social Justice

B3: Environmental Engineering and Climate Action

C1: Conversations



IF YOUR STUDENT IS INTERESTED IN...

Business and Human Behavior

A1: Biomedical Engineering: Health and Medicine

B2: The Psychology of Business: Branding & Perception

C4: Connections



Apply Today!

What is Demo Day?

Each year, IDEAcademy hosts a farewell symposium to showcase the excellent works of innovation that our students have created over the course of the 3 week program.

Students will be given the opportunity to attempt to answer the questions surrounding their IDEA Trailhead.

IDEA Demo Day Spotlight

Open To All

Parents, friends, collegiate connections, and industry professionals are welcomed to speak with students about their inspirations and development processes.



Bionic Hand

Build Confidence

In giving students the chance to exercise their presentation skills, they are able to really showcase their passions atop the foundation of newly learned skills



AI Recycling



The Stateless
Collective



INNOVATION, DESIGN, AND ENGINEERING ACADEMY

At The Stateless Collective, we believe every climb is better together. Let us help you reach your next summit today.



Act Fast!

Capacity is limited and spots fill quickly.

To Apply, Visit

bit.ly/IDEApply2024

Questions? Accommodations? Contact us at
info@thestatelesscollective.org

www.thestatelesscollective.org