



# Laney Summer Institute (LSI)

If you're in high school and want to enroll in **FREE, HANDS-ON** classes – and earn **COLLEGE CREDIT**, check out the Laney Summer Institute programs in **Oakland**.

Most classes start June 17, 2019, with some starting as early as June 10. For more details, along with applications & flyers for individual programs, go to:

<http://Laney.edu/Summer>

## Classes for high school students \*

**iDesign** (1.5 units) – If you like to make things and want to learn how to machine and build things then iDesign-ST (Skilled Trades) is for you. This course offers one week in each of these skilled trades – Wood Technology, Machine Technology, & Carpentry. Design and create projects. Work in a lab. Make.

**iCreate** (2 units) – If you're a creator interested in exploring multiple media forms check this out. One week in each of these creative areas—Media, Graphic Arts, Photography, and IT. Completely hands on, project-based. Experience the intersection of human and computer image design and creation. Expand.

**Electric Bike** (3 units) – Learn the fundamentals of how electricity flows as you turn a bike into an electric ride. Theory and then hands on.

**Sustainable Buildings of the Future** (4 units) – Explore how buildings work and visit innovative buildings for special behind-the-scene tours. You'll meet professionals and hear about careers in architecture, mechanical engineering, and computerized building systems (aka building automation).

**UPGRADE - Computer Science Education** (6 units) – Learn about hardware and software principles as well as Raspberry Pi, HTML and Python in this class. You'll visit information and communications tech companies, plus find out about possible internships.

**iEAT** (2 units) – I eat, therefore I am! Explore food sciences doing hands on activities in culinary, chemistry, food technology / biomanufacturing and nutrition.

*\* Others may apply but high school students (and recent grads) are given priority*

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If you're in high school and want to enroll in FREE, HANDS-ON classes – and earn COLLEGE CREDIT, check out the Laney Summer Institute programs in Oakland.

## Regularly-Scheduled Introductory Classes (open to all)

<b>COURSE</b>	<b>DESCRIPTION</b>	<b>Units</b>
ARCH 104A	Beginning CAD	3
ART 20	Beginning Drawing and Comp.	3
ART 50	Beginning Painting	3
ART 80	Beginning Ceramics	3
ART 100	Beginning Printmaking	3
BIO 24	Intro to Anatomy and Physiology	4
BIO75	Fundamentals of Biotechnology	2
CARP 211	Beginning Carpentry	3.5
CONMT 10	Introduction to Construction Practices	3
COSM 245	Intro to Cosmetology	2
CULIN 203	Intro to Baking	4
CULIN 233	How to Open a Baking Business	2
CULIN 234	Intro to Cooking Techniques	4
DANCE 76	West African Dance 1	1
PHOTO 71	Intro to Digital Photography	3

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