

NEW COURSE OFFERING

**LOWER CAPE MAY REGIONAL HIGH SCHOOL IS PLEASED TO
OFFER THE NEXT COURSE IN OUR
PROJECT LEAD THE WAY COMPUTER SCIENCE PROGRAM
FOR THE 2018-19 SCHOOL YEAR
~ AP COMPUTER SCIENCE A ~**

- AP CSA is a full year, 5 credit course for students in grades 10-12.
- AP CSA is aligned with the Advanced Placement (AP) Computer Science A exam and students enrolled in this course will receive AP weighting & credit.
- The pre-requisite course for AP CSA is Computer Science Principles
- Students who successfully pass the AP Computer Science A exam can earn college credits at participating colleges & universities.

AP COMPUTER SCIENCE A (AP CSA, Full year, 5 credits, Grades 10-12)

Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and web-based databases, as well as creating a game for their friends or an app to serve a real need in their community. This course is aligned to the AP CSA Framework.



Students interested in signing up for this course for the 2018-19 school year should complete the bottom portion of this sheet and submit it to their guidance counselor by **June 1, 2018**. Also, see your guidance counselor with any questions you may have about this program.

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- PLEASE ENROLL ME IN THE PROJECT LEAD THE WAY **AP COMPUTER SCIENCE A** COURSE FOR THE 2018-19 SCHOOL YEAR.

Student Name

Student ID#

I have taken & successfully completed AP Computer Science Principles.

Course To Be Dropped & Replaced with AP Computer Science A.

NEW COURSE OFFERING

LOWER CAPE MAY REGIONAL HIGH SCHOOL IS PLEASED TO OFFER A
NEW AND EXCITING PROJECT LEAD THE WAY PROGRAM

FOR THE 2018-19 SCHOOL YEAR
~ BIOMEDICAL SCIENCE ~



By immersing students in activities like suturing & constructing body structures from clay, PLTW Biomedical Science empowers students to build knowledge and skills in Biomedical Science, as well as in-demand transportable skills like problem solving, critical and creative thinking, communication and collaboration.

This program consists of a sequence of four year-long courses. The first course of this sequence will be offered at LCMR High School for the 2018-19 school year. Students enrolled in the Biomedical Science Program will be given honors weighting & credit for each course taken.

PRINCIPLES OF BIOMEDICAL SCIENCE (PBS, Full year, 5 credits, Grades 9-11)

- By engaging in activities like dissecting a sheep heart, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person.

Students interested in signing up for this course for the 2018-19 school year should complete the bottom portion of this sheet and submit it to their guidance counselor by June 1, 2018. Also, see your guidance counselor with any questions you may have about this program.

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- **PLEASE ENROLL ME IN THE PROJECT LEAD THE WAY**
***Principles of Biomedical Science* COURSE FOR THE 2018-19 SCHOOL YEAR.**

Student Name

Student ID#

Grade (18-19 SY)

Course To Be Dropped & Replaced with *Principles of Biomedical Science*.

NEW COURSE OFFERING

LOWER CAPE MAY REGIONAL HIGH SCHOOL IS PLEASED TO OFFER A
NEW AND EXCITING **PROJECT LEAD THE WAY** COURSE AS PART OF THE
ENGINEERING PROGRAM FOR THE 2018-19 SCHOOL YEAR

ENVIRONMENTAL SUSTAINABILITY

- ES is a full year, 5 credit course for students in Grades 11-12.
- ES is a Capstone Engineering Course for students who have completed IED, Principles of Engineering and Digital Electronics.
- It is strongly recommended (but not required) that students take this course with Civil Engineering & Architecture.
- Students who pass the End of Course exam for ES can receive college credits for this course.

ENVIRONMENTAL SUSTAINABILITY (ES, Full year, 5 credits, Grades 11-12)



Students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply and renewable energy.

Students interested in signing up for this course for the 2018-19 school year should complete the bottom portion of this sheet and submit it to their guidance counselor by **June 1, 2018**. Also, see your guidance counselor with any questions you may have about this program.

PLEASE ENROLL ME IN THE PROJECT LEAD THE WAY *Environmental Sustainability* COURSE FOR THE 2018-19 SCHOOL YEAR.

Student Name

Student ID#

Grade (18-19 SY)

Please check which PLTW Engineering Courses you have taken:

- Introduction to Engineering Design (IED)
- Principles of Engineering (POE)
- Digital Electronics (DE)

Course To Be Dropped & Replaced with *Environmental Sustainability*.