



LAGUNA CREEK HIGH SCHOOL
9050 VICINO DRIVE
ELK GROVE, CA 95758
(916) 683-1339
LCHS.EGUSD.NET



GET READY FOR COLLEGE CAREER AND LIFE!

ACADEMIES AND PATHWAYS:

COMPUTER SCIENCE PATHWAY

This pathway prepares you for careers in the software industry that are always in demand. Learn how to design, develop, implement, maintain, and secure computer systems and software.

DIGITAL PHOTOGRAPHY PATHWAY

This pathway prepares students for a variety of opportunities in the ever-growing digital world. Photography and visual communication skills lead to careers in all fields. Marketing, social media specialists, and many Arts Media and Entertainment Careers require skills in design and software programs.

ENGINEERING DESIGN PATHWAY

Learn the background, skills and theory to convert the designs of architects and engineers into technical drawings and plans. This pathway emphasizes the skills needed for success in architectural, civil, electrical or mechanical drafting and engineering occupations.

FASHION AND MERCHANDISING PATHWAY

The Fashion and Interior Design Industry sector is a multi-billion-dollar enterprise offering a wide variety of careers. A particularly high-demand exists for pre-production jobs which may involve computerized pattern-making and product data-management.

GRAPHIC DESIGN PATHWAY

The Graphics Design Pathway allows students to work with high-end technology and use industry-standard software to experience how the digital arts profession works. Students will receive quality instruction in the digital communications field as well as transferable skills of creative thinking, teamwork, collaboration and problem-solving.

GREEN ENERGY TECHNOLOGY ACADEMY (GETA)

Green Technologies are those that utilize renewable energy sources such as wind, water and sunlight. The GETA focuses on the technologies of energy extraction, conversion, transportation, storage and application.

MANUFACTURING PRODUCTION TECHNOLOGY ACADEMY (MPTA)

MPTA specializes in training students with hands-on mastery of virtually every aspect of modern-day production and manufacturing. Students will be prepared to enter college and careers in manufacturing, engineering and skilled trades.

SPORTS CAREERS ACADEMY (SCA)

The Sports Careers Academy offers a unique opportunity to explore a wide-ranging and growing field, including physical therapy, fitness training and athletic training. Students will have hands-on experience treating sports injuries and working with technology usually reserved for college students.

EARN
COLLEGE
CREDITS

COLLEGE &
INDUSTRY
TOURS

STUDENT
INTERNSHIPS

STUDENT
COMPETITIONS

STUDENT
LEADERSHIP

INDUSTRY
CERTIFICATIONS

BUSINESS
INVOLVEMENT

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ACADEMY AND PATHWAY SEQUENCE OF COURSES*

COMPUTER SCIENCE PATHWAY

Introductory - #12137 Exploring Computer Science
Concentrator - #12115 Computer Science Principles
Capstone - New course: Mobile App Development

DIGITAL PHOTOGRAPHY PATHWAY

Introductory - #06210 Photo I
Concentrator - #12166 Digital Photography II
Capstone - #12126 Advanced Graphic Communications

ENGINEERING DESIGN PATHWAY

Introductory - #12100 Computer Aided Design/Drafting (CADD)
Concentrator - #12346 Engineering Design A
Capstone - #12347 Engineering Design B

FASHION DESIGN AND MERCHANDISING PATHWAY

Introductory - #06010 Art I
Concentrator - #12530 Fashion I
Capstone - #12535 Fashion II

GRAPHIC ARTS PATHWAY

Introductory - #12143 Digital Art and Graphic Design Production
Concentrator - #12144 Digital Art and Graphic Design II
Capstone - #12128 AP Studio Art: 2-D Design

GREEN ENERGY TECHNOLOGY ACADEMY (GETA)

Introductory - #12750 Intro to Green Energy Technology
Introductory - #12751 Green Energy Technology I
Concentrator - #12752 Green Energy Technology II
Capstone - #12753 Green Energy Technology III

EGUSD Academy/Pathway Students say.....

“ I love that in my Academy/Pathway we are like a family. I can explore my interests and options for my future through relevant classes and real-world experiences. I am discovering new things about myself, my community and my direction in life - - I have FUN! What I learn WORKS! ”

MANUFACTURING PRODUCTION TECHNOLOGY ACADEMY (MPTA)

ADVANCED MANUFACTURING

Introductory - #12366 Manufacturing Fundamentals
Concentrator - #12351 Advanced Manufacturing 1
Capstone - #12352 Advanced Manufacturing 2

PRODUCT INNOVATION AND DESIGN

Introductory - #12366 Manufacturing Fundamentals
Concentrator - #12367 Product Innovation & Design 1
Capstone - New Course - Product Innovation & Design 2

SPORTS CAREER ACADEMY (SCA) PATIENT CARE

Introductory - #12400 Sports Therapy I
Concentrator - #12401 Sports Therapy II
Capstone - #12402 Sports Therapy III

