

BUSD CTE PATHWAY CHART

Information & Communication Technologies

Pathway 1: Software & Systems Development

Courses

Computer Science Discovery
CTE Computer Lit
Web Design & Animation
Computer Science Principles
AP Computer Science Principles
AP Computer Science A
JavaScript Programming

Pathway 2: Games and Simulation Pathway

Courses

Intro to Esports
Video Game Design
Esports Advanced Video Gaming
***AP Comp Science UC a-g "d"
***All others UC a-g "g" approved

**Bellflower High School
Mayfair High School**

Engineering & Architecture

Pathway: Engineering Design

Courses

Engineering Fundamentals
Introduction to Engineering Design
Computer Assisted Drafting Principles of Engineering
Computer Assisted Drafting Advanced

*** Intro to Engineering Design & Principles of Engineering UC a-g "g" approved

**Somerset High School
Mayfair High School**

Marketing Sales & Services

Pathway 1: Entrepreneurship/ Self-Employment

Courses

Introduction to Business
Entrepreneurship/Design Thinking

Pathway 2: Marketing

Courses

Marketing
Retail/Marketing
Capstone Course - Marketing
***All UC a-g "g" approved

Mayfair High School

Manufacturing & Product Development

Pathway 1: Graphic Production Technologies

Courses

Graphic Production Technologies
Advanced Graphic Production Technologies

Pathway 2: Product Innovation & Design

Courses

BioAnimator
Advanced BioAnimator
*** Advanced BioAnimator UC a-g "d"
***All others UC a-g "f" approved

**Bellflower High School
Mayfair High School**

Arts, Media & Entertainment

Pathway: Production & Managerial Arts

Courses:

TV, Film & Digital Video
Film/Video Production 2
Stage Production Technology
Advanced Stage Prod. Tech
***All UC a-g "f" approved

**Bellflower High School
Mayfair High School**



Hospitality, Tourism & Recreation

Pathway: Food Services & Hospitality

Courses

Culinary Arts 1
Culinary Arts 2
*** All UC a-g "g" approved

Bellflower High School

Health Science & Medical Technology

Pathway 1: Patient Care

Courses

Introduction to Health Careers
Medical Billing/Coding
Medical Assistant
Sports Therapy/Athletic Trainer

Pathway 2: Mental and Behavioral Health

Courses

Counseling and Mental Health Services
Peer Counseling
***All UC a-g "g" approved

**Bellflower High School
Mayfair High School**

Business & Finance

Pathway: Financial Services

Courses

Accounting 1
Accounting 2
***All UC a-g "g" approved

Mayfair High School

Transportation

Pathway: Systems Diagnostics Service & Repairs

Courses

ASE Automotive Technology 1
ASE Automotive Technology 2 - Electric "Switch Vehicle"
Into to Aviation
Advanced Aviation
***All UC a-g "g" approved

Bellflower High School

Building & Construction Trades

Pathway 1: Cabinetry, Millwork & Woodworking

Courses

Intro to Woodworking
Advanced Woodworking
Cabinetmaking

Pathway 2: Residential and Commercial Construction

Courses

Wood Framing & Plumbing
Wood Framing & Plumbing Systems 2
***All UC a-g "g" approved

**Bellflower High School
Mayfair High School**