

February, 2023

IRVINE UNIFIED SCHOOL DISTRICT

College Career *and* Life Readiness



Introducing the College & Career Readiness Team



Keith Tuominen, Executive Director, Secondary Education

Connie Jacobs, Coordinator, College & Career Readiness Counseling

Ulises Garcia, Coordinator, College and Career Readiness

Elena Guerena, Administrative Assistant

Natalia Guidotti, Office Assistant

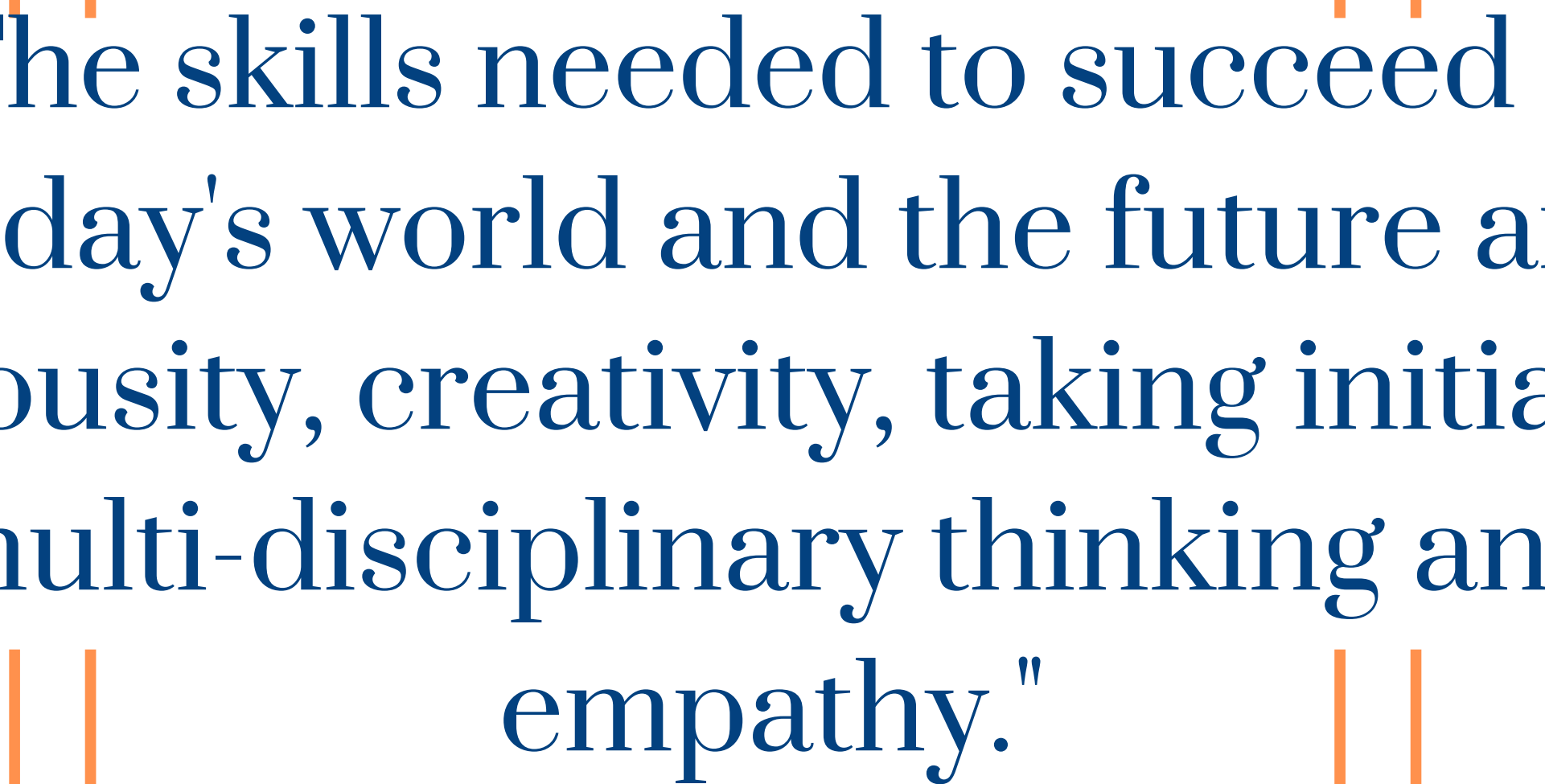
Jenny Thai, COSA - AVID Coordinator, MTSS

Natalie Uburtis, College and Career Technician

Celebrating
Career &
Technical
Education



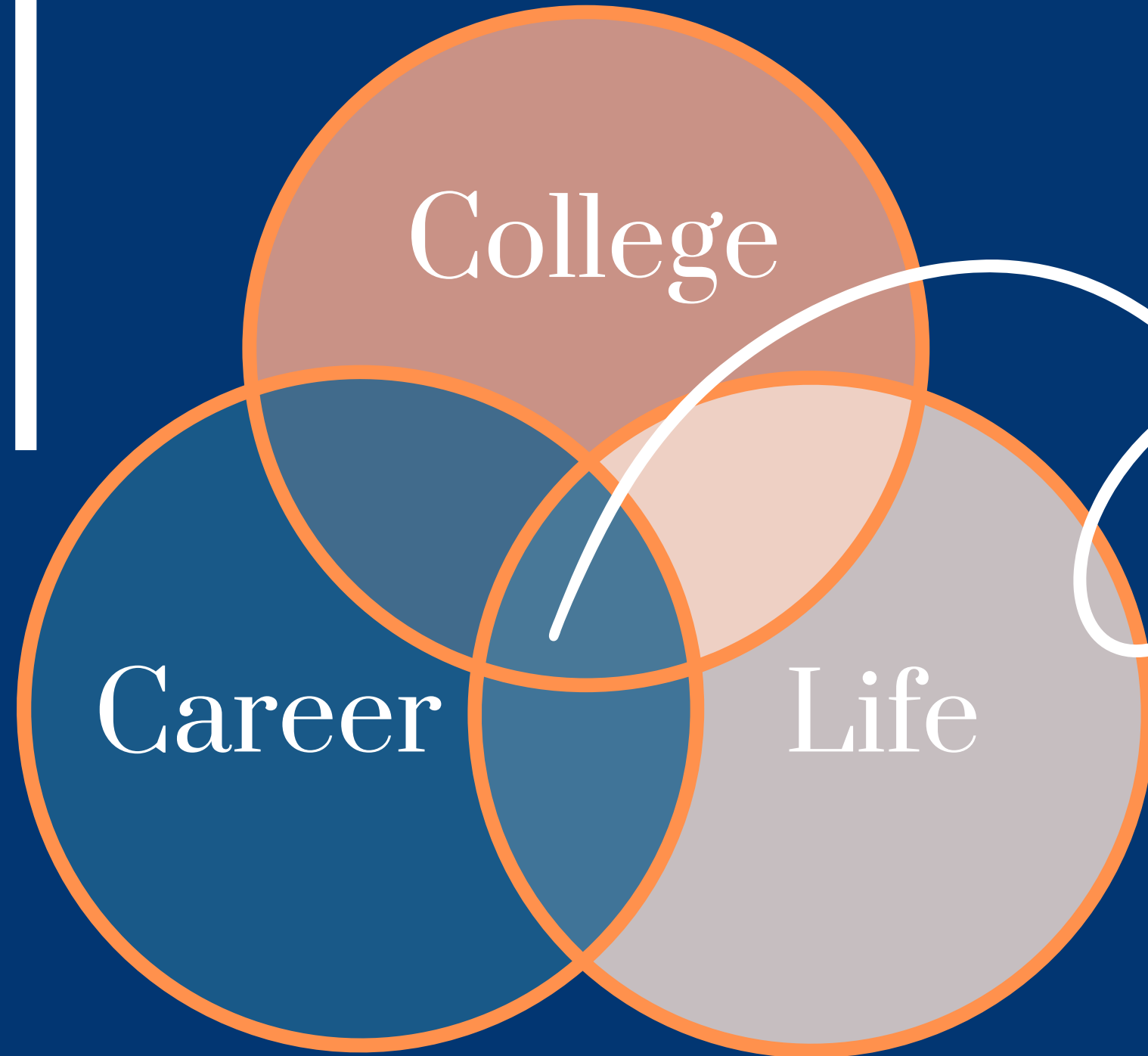
CELEBRATE TODAY,
OWN TOMORROW!



"The skills needed to succeed in today's world and the future are curiosity, creativity, taking initiative, multi-disciplinary thinking and empathy."

-Tiffany Shlain, Filmmaker and Founder of the Webby Awards

What is...



Career Technical
Education (CTE)?

Career Technical
Education is a program of
study that involves a
multiyear sequence of
courses

Technical &
Occupational
Knowledge

Core Academic
Knowledge

Pathway to
Postsecondary
Education & Career



Agriculture &
Natural Resources



Building Trades and
Construction



Arts, Media, and
Entertainment



Education, Child
Development,
and Family Services



Energy and Utilities



Engineering & Design
Industry



Fashion & Interior Design



Finance and Business



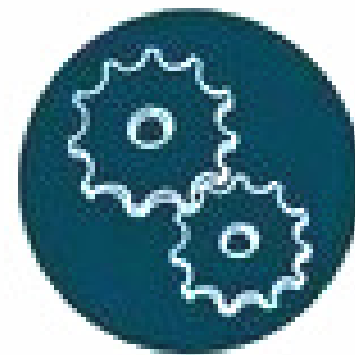
Health Science &
Medical Technology



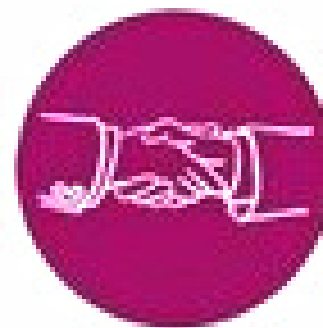
Hospitality, Tourism, &
Recreation



Information Technology



Manufacturing &
Product Development



Marketing, Sales, &
Service



Public Services



Transportation

Authentic learning
experiences that create a
bridge to college, career,
and life readiness.



Pathways



Industry
Aligned
Equipment
and Software



High Quality CTE
Teachers



Local and Regional
Partnerships

Guest Speaker

Archana Jain

Irvine High School

Engineering Teacher

Coach, STEM Competitions

IUSD & OCDE Teacher of
the Year



Why CTE?

Career technical education is not just about learning a trade, it's about learning how to think critically, problem solve, and innovate. - Jeff Bezos



Career Skill
Development



Authentic Learning
Experiences



Bridge to Future
Education



Industry
Credentials and
Certifications



Improved
Graduation
Rates

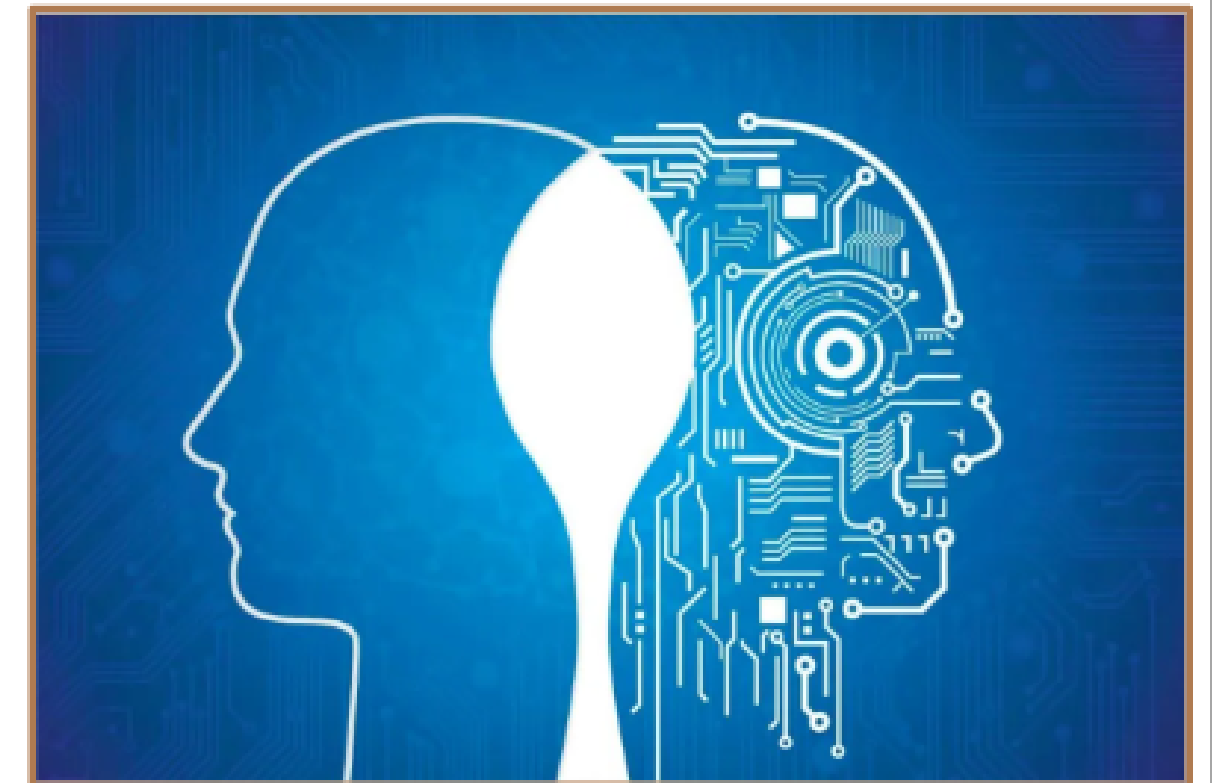
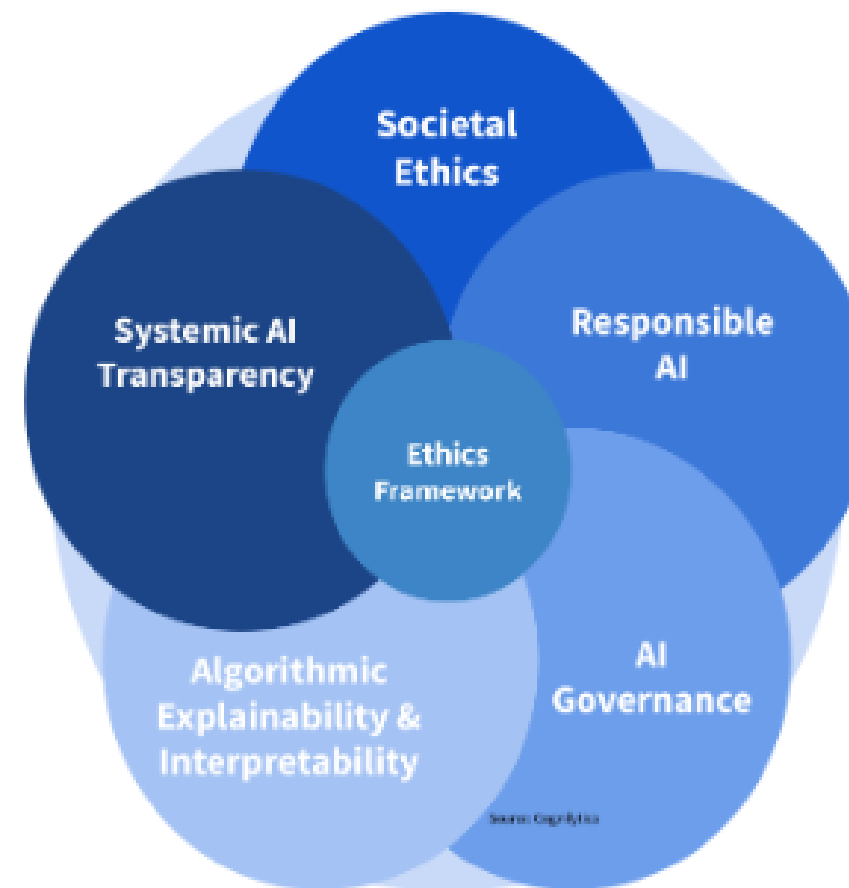


Guest Speaker

Keyon Jazayeri
University High School



Careers in AI – Practical Introduction to Artificial Intelligence



Notable Guest Speakers



Keith Strier
NVIDIA VP
Worldwide AI
Initiatives

AI in industry



Darby Vickers

Ph.D. in
Philosophy at
University San
Diego

Ethics of AI



Stephen Ibaraki
Founder of AI for Good

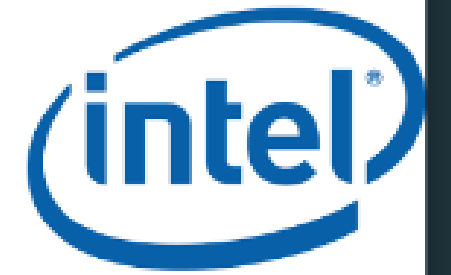
AI applications and
entrepreneurial
mindset

Field Trip to Ephesoft

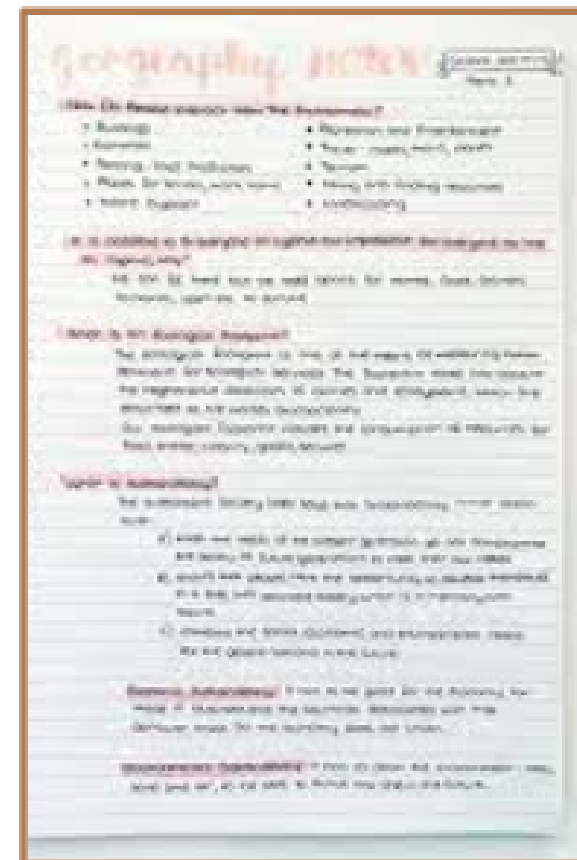
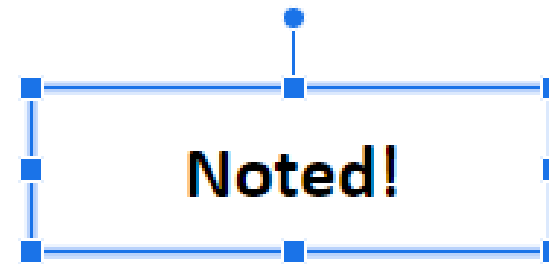
Taking the principles of AI and combining them with real-world entrepreneurship



Final Projects – A Hands-on Approach

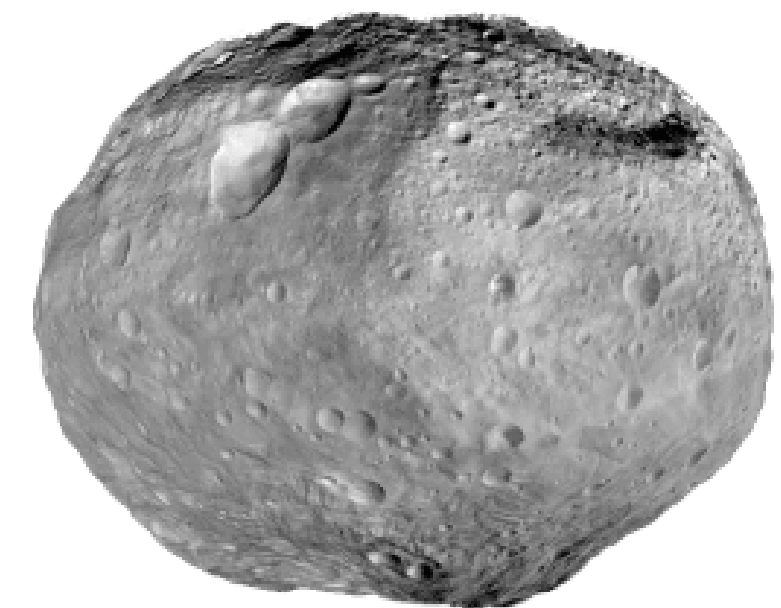


**Blind
Pedestrian
Navigation
System**

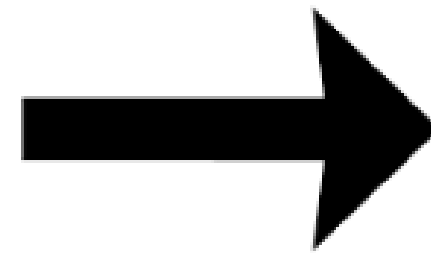
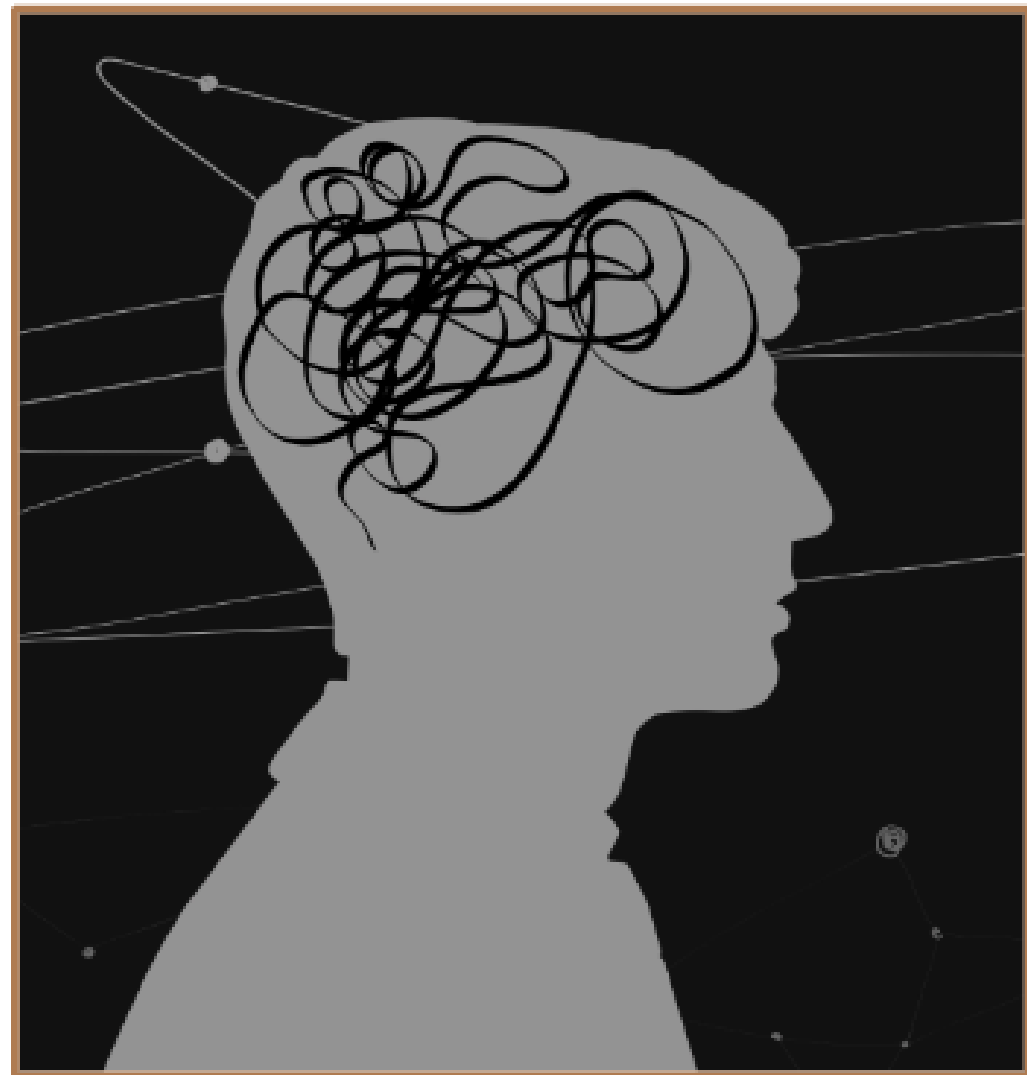


**Keen Image
Recognition in
Traffic
Optimization**

**Asteroid
Mining with
Computer
Vision**



CTE: Grounding Theory With Practice & Experience



Irvine Unified Career Technical Education Partners

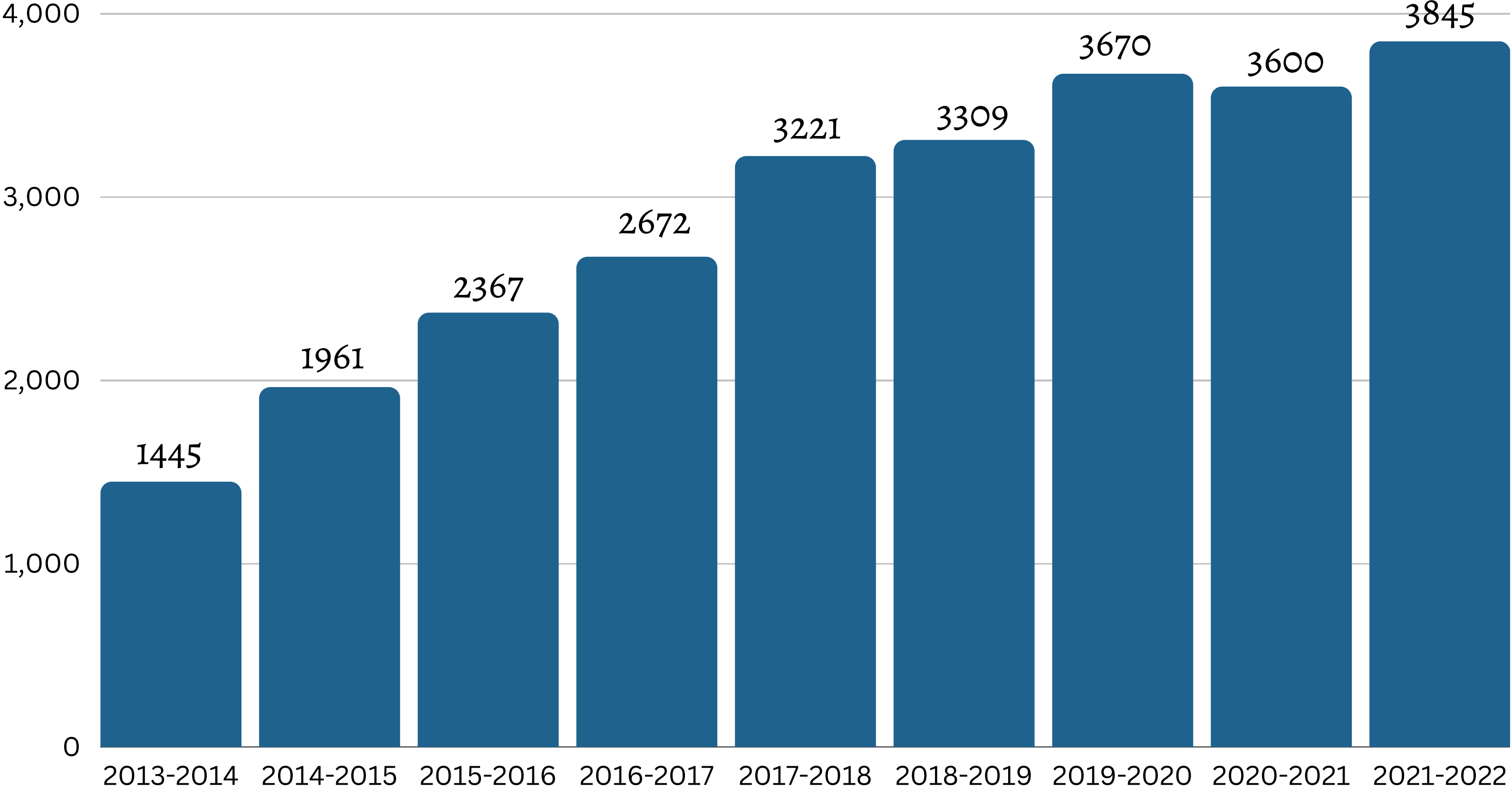




- 10 Industry Sectors
- 59 Types of CTE Courses
- 96% UC/CSU A-G Approved
- Work-Based Learning Experiences

3,845!

Irvine Unified CTE High School Enrollment



Looking Ahead

Work Based Learning

Partnerships

Pathway Expansion

Grade Level Expansion



Thank you!

