A photograph of four students in a welding shop, wearing protective gear and working on metal structures. The scene is dimly lit, with the primary light source being the bright sparks from the welding process. A banner for 'Downey Unified School District' and 'Downey High School' is visible in the background. The text 'College and Career Readiness' is overlaid in white at the bottom.

# College and Career Readiness

John M Harris - July 19, 2022

# Brief History: CCPT and Linked Learning

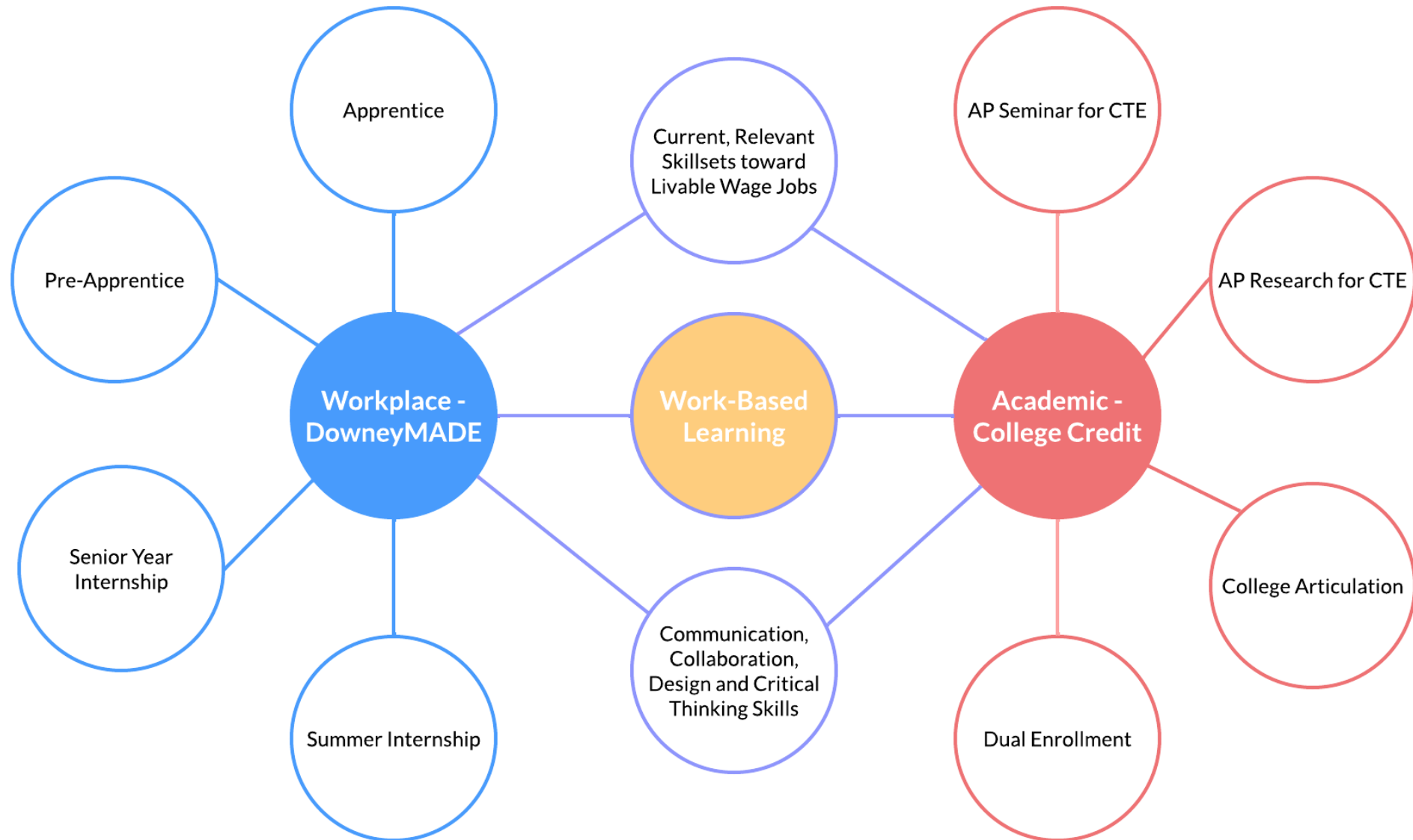
The four central elements of the  
Linked Learning approach:

1. a-g courses emphasizing real world applications
2. Technical core of courses that meet industry standards
3. Systemic approach to work-based learning
4. Personalized academic, socio-emotional, and other student supports

# Post-CCPT Vision: Additive Strategies

1. Improve number of CTE completers
2. Expand career exploration
3. Build and grow Downey MADE
4. Resource additional funding
5. Reinvent partnership with Cerritos College
6. Incorporate work-based learning
7. Emphasize inclusive opportunities for all students

# Vision: Guiding Principles

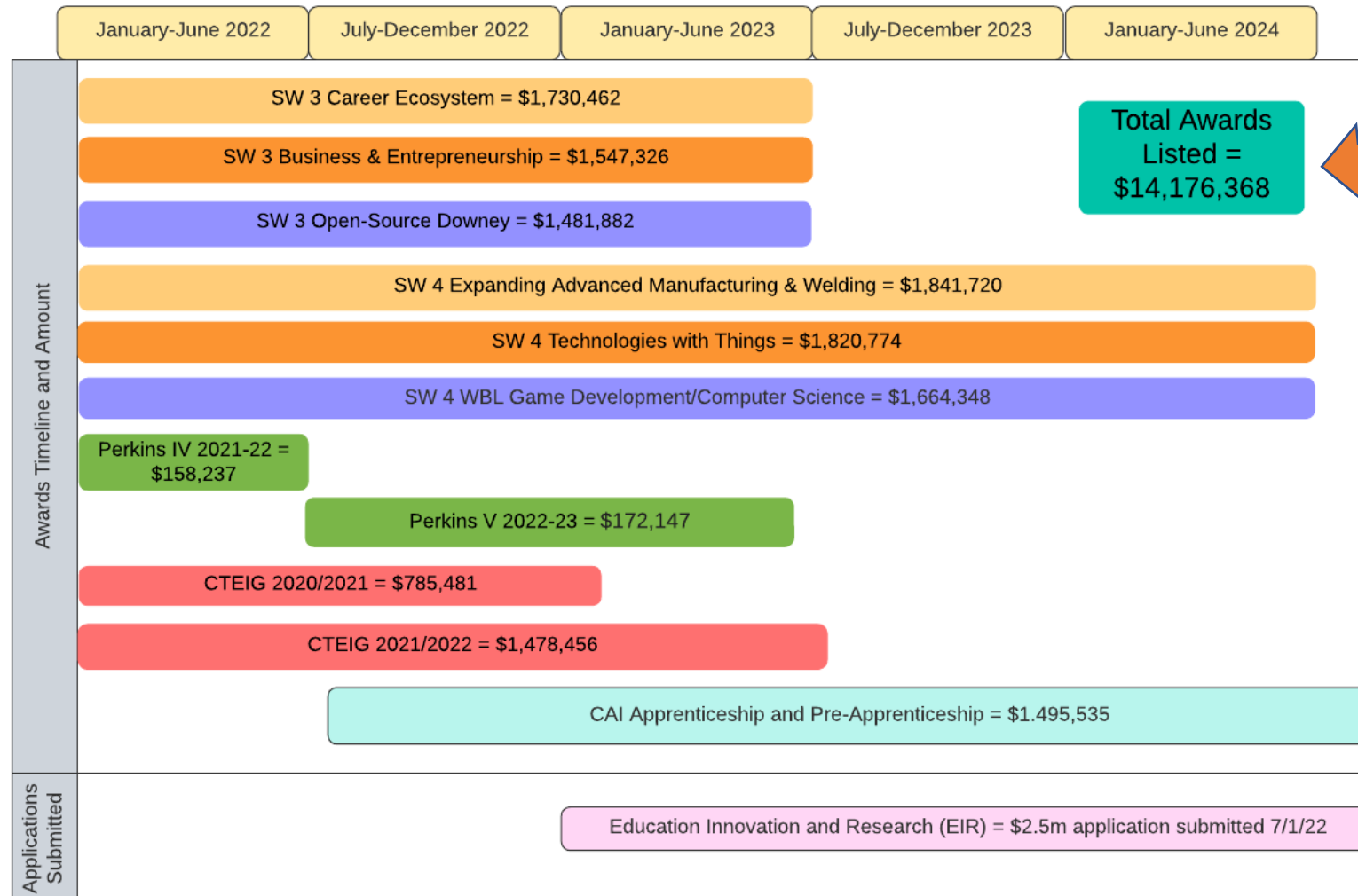


# Vision: Awards Funded



**Downey Unified**  
SCHOOL DISTRICT

7/01/2022 CCR Awards and Applications



**Total Awards  
Listed =  
\$14,176,368**







David Torres



Casandra Martinez



Enrique Llanes



# Vision: Innovative, Informed Team





# Vision: Implementation

1. Partner with the Bayha Group & 2 Degree Shift
2. Submit and secure CTEIG, K12 Strong Workforce, Apprenticeship funding
3. Plan and implement articulation and dual enrollment agreements
4. Expand students earning college credit





# Vision: Implementation

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5. Internship program expansion to Apprentice and Pre-Apprentice
6. Update industry-informed curriculum
7. Design and offer 2-year CTE pathways
8. Upgrade and retrofit buildings H at DHS and J at WHS for Advanced Manufacturing industry lab





# Vision: Implementation

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9. Complete and implement CHS outdoor Welding Lab
10. Publish Open Education Resources
11. Institutionalize AP Credit for CTE courses
12. Launch 3<sup>rd</sup>/4<sup>th</sup> Year Advanced Mathematics for CTE





# Vision: Pathways

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# Vision:

Two 2-year Pathways

2+2

# Career Exploration

## Pathway 1 Example

Advanced Manufacturing +

## Pathway 2 Example

Engineering: Robotics and Mechatronics  
(2023-2024 launch)

Alternative Fuels and Advanced Transportation  
(2022-2023 launch)

Construction Technologies HVAC (2022-2023 launch)

Construction Technologies +

Construction Technologies HVAC (2022-2023 launch)

Advanced Manufacturing (2022-2023 launch)

Engineering: Robotics and Mechatronics  
(2023-2024 launch)

Automotive Technologies +

Alternative Fuels and Advanced Transportation  
(2022-2023 launch)

Advanced Manufacturing (2022-2023 launch)

Engineering: Robotics and Mechatronics  
(2023-2024 launch)



# Vision: Priorities

- Emphasis on school-to-work AND school-to-college/university preparation
- Learning makes sense to students when connected to the real world
- National data show students who graduate with college course credit and work experience have significant advantage in lifetime earnings
- Every decision we make serves our students when they are 30 years old

# Thank you Questions?

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College and Career Readiness  
John M Harris - July 19, 2022

