

# Carson City School District CTE

CARSON HIGH SCHOOL

February 15, 2018

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Vice Principal, Carson High School

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Agenda Item V D-1 (EDUCATION)  
Meeting Date: 02-15-18

# Carson High School

## Enrollment – 2213 students

- 50% of Limited English Proficient (LEP) students are enrolled in CTE
  - 77 students
- 37% of students with special needs (IEP) are enrolled in CTE
  - 90 students
- 41% of students at CHS are on free and reduced lunch (FRL)
- 75% of our student body is in one or more CTE classes
  - 1656 students (1886 seats)

# CTE Enrollment Numbers

- 2011 - 1069 student count in CTE courses
- 2017 – 1886 student count in CTE courses

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# Program Completers

- Number of students completing a Pathway:
  - 2014 – 158
  - 2018 – 243
  - Projected 2019 - 371

**Career and Technical Education (CTE) Pathways at Carson High School**  
 Visit our website: [www.carsoncte.com](http://www.carsoncte.com) and Facebook page: [www.facebook.com/carsonhighcte](http://www.facebook.com/carsonhighcte)

Career Cluster	Specific Pathways	Carson High Programs and Sequences			
		Year 1 of Sequence	Year 2 of Sequence	Year 3 of Sequence	Year 4 of Sequence
Agriculture and Natural Resources Management	<b>Veterinary Science</b>	Agriculture Science I (4)	Agriculture Science II (4)	Veterinary Science III (1)	Veterinary Science Advanced Studies or Internship
	<b>Ornamental Horticulture/ Greenhouse Management</b>	Horticultural Science	Plant Science and Ornamental Horticulture	Greenhouse Management (1)	Agriculture Advanced Studies or Internship
	<b>Floriculture Design and Management</b>	Horticultural Science	Plant Science and Ornamental Horticulture	Floriculture (1)	Floriculture Advanced Studies or Internship
	<b>Agriculture Leadership, Communication and Policy</b>	Agriculture Science I	Agriculture Science II (4)	Agriculture Leadership, Communication, and Policy (1)	Internship or Advanced Studies - Ag Leadership
	<b>Natural Resources and Wildlife Mngt</b>	Agriculture Science I (4)	Agriculture Science II (4)	Natural Resources and Wildlife Management (1)	Advanced Studies Natural Resources
Business & Marketing	<b>Entrepreneurship</b>	Principles of Business & Marketing	Entrepreneurship I	Entrepreneurship II (1)	Entrepreneurship Advanced Studies or Internship
	<b>Banking</b>			Banking Internship (GNCU) (Juniors and Seniors Only)	Banking Internship (GNCU) (Juniors and Seniors Only)
Hospitality and Tourism	<b>Culinary Arts (3 year sequence beginning in 10th grade) (2)</b>	Culinary Arts I (Sophomore)	Culinary Arts II (Junior)	Culinary Arts III and CTE Work Experience (Senior) (1)	Culinary Arts Advanced Studies
Health Science and Public Safety	<b>Emergency Medical Technician</b>	Health Science I (3)	Health Science II or Emergency Medical Services or Sports Med (3)	Emergency Medical Services	Emergency Medical Technician (1) and Lab*
	<b>Sports Medicine</b>	Health Science I (3)	Sports Medicine I or Health Science II (3)	Sports Medicine I or II (3 & 1)	Sports Medicine Advanced Studies
	<b>Health Information Management</b>	Health Science I (3)	Health Information Management I - Health Science (3)	Health Information Management II (1)	Health Information Management Advanced Studies
	<b>Pharmacy Practice</b>	Health Science I (3)	Health Science II (3)	Emergency Medical Services	Pharmacy Practice (1)
Information and Media Technologies	<b>Graphic Design</b>	Graphic Design I	Graphic Design II	Graphic Design III (1)	Graphic Design Advanced Studies
	<b>Photography</b>	Photography I	Photography II	Photography III (1)	Photography Advanced Studies
	<b>Web Design</b>	Web Design I	Web Design II	Web Design III (1)	Web Design Advanced Studies
	<b>Computer Science</b>			AP Computer Science Principles	AP Computer Science A
	<b>IT Service and Support</b>	IT Essentials I (Sophomore)	IT Essentials II (1)	IT Essentials Advanced Studies	IT Essentials Internship
Skilled and Technical Science	<b>Civil Engineering/Architecture</b>	Introduction to Engineering	Principles of Engineering	Civil Engineering and Architecture (1)	Engineering Capstone/ Internship
	<b>Mechanical Engineering</b>	Introduction to Engineering	Principles of Engineering	Computer Integrated Manufacturing (1)	Engineering Capstone/ Internship
	<b>Welding</b>	Welding Technology I	Welding Technology II	Welding Technology III (1)	Welding Advanced Studies
For information on internships and work-based learning opportunities, go to the College and Career Readiness Office - Room 104.		1 State Technical Assessment/Workplace Readiness Assessment taken in the late spring 2 Culinary Arts is a three-year sequence which begins in the student's 10 <sup>th</sup> grade year 3 Health Sci I = May fulfill 1/2 (.5) Health Credit 4 Agriculture Science I AND Agriculture Science II = 1 Science Credit 5. Health Science I AND II = 1 Science Credit		The Carson City School District does not discriminate against any person on the basis of race, color, national origin, sex, disability and age, and it provides equal access to the Boy Scouts of America and other designated youth groups. The following person has been designated to handle inquiries regarding the District's non-discrimination policies: Title III and 504 Coordinator, 1402 W. King Street, Carson City, NV 89703, (775) 293-2130.	

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# Graduation Rate:

- Carson High School 2017 graduation rate: 93.20%
- Carson High School 2017 CTE graduation rate – over 95%

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# Making the Tough Decisions

- **Aligning programs to economic and workforce development priority need areas**
- Closing programs
- Starting new programs

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# Health Science/Medical

- **356 students**
  - Emergency Medical Technician
  - Pharmacy Practice
  - Sports Medicine
  - Health Information Management
  - CNA (through WNC)

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# PLTW -Engineering

- **PLTW – Project Lead the Way**
  - **Project-Based Learning**
  - **Problem-solving and critical thinking skills**
  - **Team building**
  - **In-depth teacher training**

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# Engineering Pathways at CHS

- **175 students**

- Civil Engineering and Architecture
- Digital Electronics
- Computer Integrated Manufacturing (adding 2018-19)
- Environmental Sustainability (adding 2019-20)

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# WNC Connections

- **Jump Start CTE – Dual Credit**
  - Automated Industrial Technology
  - Construction Technology
  - Automotive Technology
  - Cyber Security (new 2019)
  - CNA Nursing Assistant
- **Articulation Agreements – CTE College Credit**

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# Partnerships

- Exclusive program partners/sponsors
- Website – [www.carsoncte.com](http://www.carsoncte.com)



# Future Direction – Overcoming Obstacles

- Address teacher shortage and difficulty in finding/hiring qualified CTE teachers
- Flexibility in utilizing state CTE grant funds
- The “Master Schedule” challenge
- Marketing campaign to change perceptions

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