

# Clean Technologies & Sustainable Industries Early College High School



**HVCC North Campus**  
**Partnering Business, Government and Academia**



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Training and Education Center for  
Semiconductor Manufacturing  
and Alternative and Renewable Technologies



# On Site Information

- Program Hours 7:45-10:50
  - Students who drive or get dropped off can arrive at 7:30 AM for extra help for high school
- Students can get a driving permit the 1st week of classes
- Home school districts transport
- Health Records- Students need to submit all health records to HVCC health services in August (immunizations, meningitis)
- Students attend Monday through Friday
- HVCC Classes over February & April high school breaks. Schools do not transport during HS Vacations or weather delays/closures



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# Junior Year

- HVCC college coursework in selected pathway (1-2 classes each semester)
  - Clean Energy, Community & Public Health, Cybersecurity, Engineering Sciences, Entrepreneurship, Surgical Technology
- High School Coursework at TEC-SMART:
  - Applied Mathematics in Clean Technologies
  - English 11
  - Environmental Science & Sustainability
  - Work Based Learning



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## Clean Energy



## Hacking & Cybersecurity



## Entrepreneurship



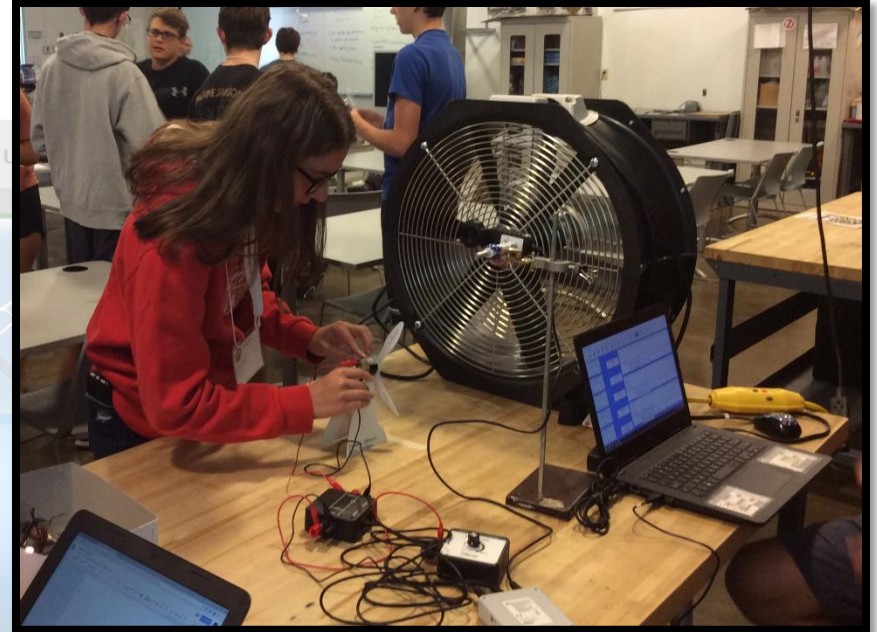
## Engineering Sciences



## Health Related Fields (Community & Public Health, Polysomnography, Surgical Technician)



# Clean Energy



Junior Year: AC/DC Electrical Fundamentals; Intro to Wind; College Math or Statistics

Senior Year: MKTG 120: Principles of Marketing, PSYC 100: General Psychology; BADM 200: Business Communications & 207: Organization & Management or Photovoltaics I and Photovoltaics II



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# Community & Public Health



Junior Year: PSYC 100: General Psychology; ENGL 125: Public Speaking, CMHL 110: US Healthcare and CMHL 115: Healthcare Ethics

Senior Year: SOCL 120: Cultural Diversity in American Society and MATH 135: Elementary Statistics and; ENGL 104: English Comp. II & SOCL 110: Understanding Social Problems



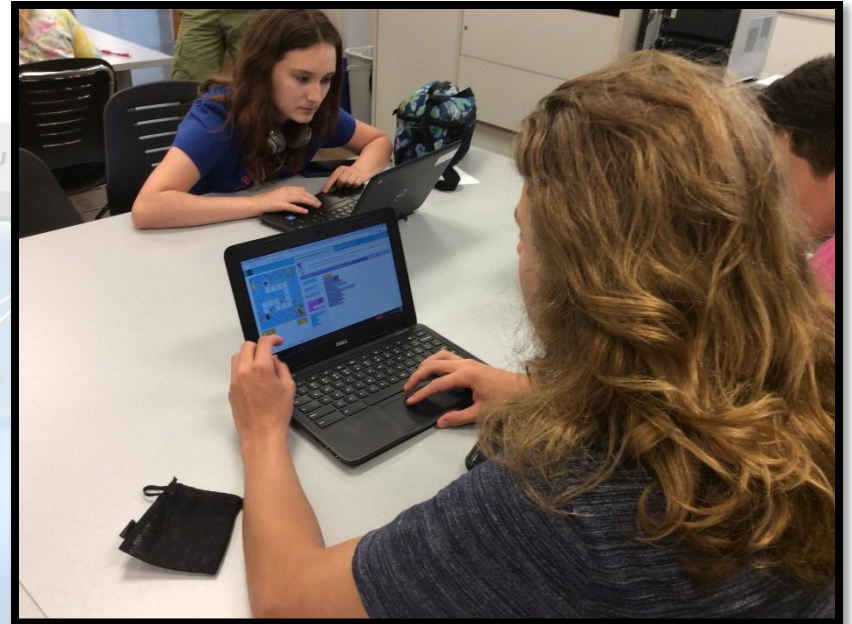
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# Hacking & Cybersecurity



Junior Year: PSYC 100: General Psychology and CISS 100: Intro to Computing & Info Sciences; College Math and CISS 110: Programming & Logic I

Senior Year: MATH 180: Calculus & ENGL 125: Public Speaking; ENGL 104: English Composition II & CISS 125: Computer & Info Security



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# Engineering Sciences



Junior Year: CISS 110: Programming & Logic I and ENGR 120: Intro to Engineering Design; ENGR 110: Engineering Tools & MATH 170: College Precalculus

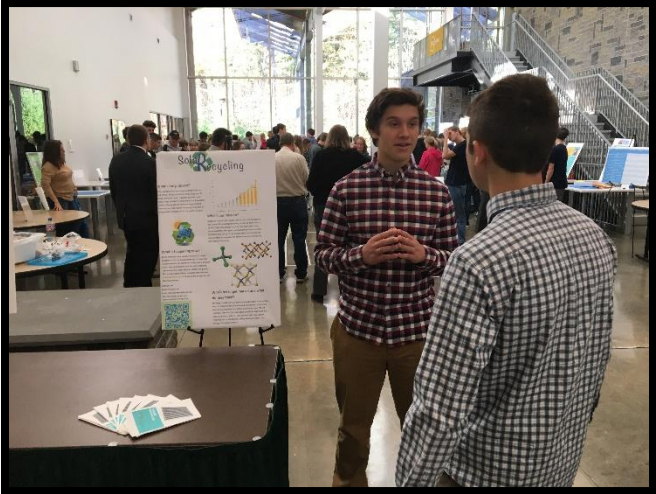
Senior Year: MATH 180: Calculus I and PHYS 150: Physics I; ENGL 102: English Composition II and MATH 190: Calculus II



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# Entrepreneurship



# Entrepreneurship Coursework

- Junior Year: ENTR 110: Intro to Entrepreneurship & MKTG 120: Principles of Marketing; BADM 220: Statistics & MKTG 210: Digital Marketing
- Senior Year: ENTR 120: Entrepreneurial Process & PSYC 100: General Psychology; BADM 200: Business Communications & BADM 207: Organization and Management



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# Surgical Technology

Junior Year: PSYC 100:  
General Psychology; College  
Math and PSYC 205:  
Developmental Psychology  
Senior Year: BIOL 270:  
Anatomy & Physiology I; BIOL  
271: Anatomy & Physiology II



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# Senior Year

- HVCC college coursework in selected pathway (4 classes)
  - *Listed previously*
- High School Coursework:
  - CHS English Composition I (College credit in 1st semester, but ENGL 12 course is full year)
  - Green Economics & Public Policy
  - Introduction to Nanotechnology
  - College Essay Writing & Application Process embedded in curriculum



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# Student Supports

- Student Mentoring
- Tutoring Services
- On Site School Counselor & Administrator
- HVCC Workshops
- College Support Website



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# Student Life



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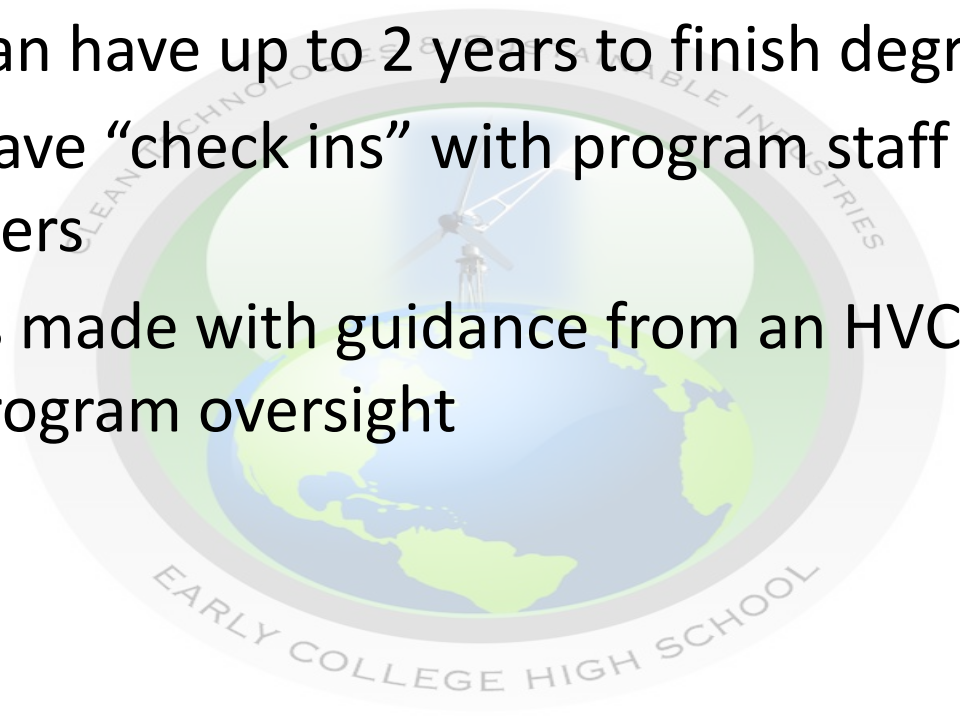


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# Year 5 & 6

- After senior year, can continue on at HVCC in the same pathway for no cost to families.
- Students can have up to 2 years to finish degree.
- Students have “check ins” with program staff throughout the semesters
- Schedule is made with guidance from an HVCC advisor, but with program oversight
- Included:
  - Tuition
  - Books
  - Parking



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# Questions



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