CTE AND STEM CAREER PATHWAYS IN MIDDLE AND EARLY COLLEGES

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NCREST, Teachers College, Columbia University

Marjorie Coble, Assistant Principal, Bassick High School, Bridgeport Public Schools

April 25th, 2017
Today’s agenda

• About STEM and CTE pathways.
• Tools for creating pathways.
• Pathways at Bassick High School
What is career technical education?

Traditionally
- “Voc ed”
- For students not expected to go to college
- Associated with tracking and limited options

Emerging
- “Career technical education”
- A college pathway
- Leading to career ladders
- Not limiting options
What is STEM education?

- *Science* – the study of the natural world.
- *Technology* — the study of the human-made world, its artifacts and processes.
- *Engineering* — creating the human-made world, the artifacts and processes that never existed before.
- *Mathematics* — the study of patterns and relationships among quantities, numbers, and shapes.

*(Katehi, Pearson, & Feder, 2009)*

*In STEM, science and math serve as bookends for technology and engineering. Science and math are critical to a basic understanding of the universe, while engineering and technology are means for people to interact with the universe.*

*(Christenson, 2011)*
WHY focus on CTE and STEM

- All students will have careers; education can help them be successful (along with other goals).
- CTE and STEM allow students to try out different career paths and life options.
- CTE dual enrollment may be a particularly effective for low-income students and males.
- Good CTE and STEM education inspires and promotes academic learning.
Why do students drop out?

From CCTI: The silent epidemic: Perspectives of high school dropouts – Civic Enterprises, 2006
## What counts as CTE?

<table>
<thead>
<tr>
<th>General Education</th>
<th>Career Technical Education</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>BUSINESS</td>
<td>COLLEGE SKILLS</td>
</tr>
<tr>
<td>FOREIGN LANGUAGES</td>
<td>COMMUNICATION</td>
<td>PE</td>
</tr>
<tr>
<td>MATH</td>
<td>COMPUTERS</td>
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<tr>
<td>PHILOSOPHY/RELIGION</td>
<td>EDUCATION</td>
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<tr>
<td>SCIENCE</td>
<td>ENGINEERING</td>
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<tr>
<td>SOCIAL SCIENCE</td>
<td>HEALTH PROFESSIONS</td>
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<tr>
<td>VISUAL/PERFORMING ARTS</td>
<td>PERSONAL/CULINARY SERVICES</td>
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<td></td>
<td>PROTECTIVE SERVICE</td>
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<td>PUBLIC/SOCIAL SERVICES</td>
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<tr>
<td></td>
<td>TRADES</td>
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</tr>
</tbody>
</table>
MCNC COLLEGE ENROLLMENTS BY SUBJECT - Focus on CTE (N=46,338)

- BUSINESS: 1.3%
- COLLEGE SKILLS: 6.8%
- COMMUNICATION: 6.8%
- COMPUTERS: 6.4%
- EDUCATION: 0.9%
- ENGINEERING: 0.5%
- ENGLISH: 11.5%
- FOREIGN LANGUAGES: 8.4%
- HEALTH PROFESSIONS: 4.7%
- MATH: 8.0%
- PHILOSOPHY/RELIGION: 1.3%
- PHYSICAL EDUCATION: 9.3%
- PROTECTIVE SERVICE: 1.0%
- PUBLIC/SOCIAL SERVICES: 0.1%
- SCIENCE: 6.3%
- SOCIAL SCIENCE: 6.3%
- TRADES: 0.5%
- VISUAL/PERFORMING ARTS: 9.0%
MCNC COLLEGE ENROLLMENTS BY SUBJECT - Focus on STEM (N=46,338)

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- HEALTH PROFESSIONS: 4.7%
- MATH: 8.0%
- PHILOSOPHY/RELIGION: 1.3%
- PHYSICAL EDUCATION: 9.3%
- PROTECTIVE SERVICE: 1.0%
- PUBLIC/SOCIAL SERVICES: 0.1%
- SCIENCE: 6.3%
- SOCIAL SCIENCE: 17.1%
- TRADES: 0.5%
- VISUAL/PERFORMING ARTS: 9.0%
What is a career pathway?

• Sequence of CTE and academic courses spanning K-12 and higher education
• Rigorous coursework
• Student supports
• Leading to high quality education and employment.
Core ideas in CTE/STEM (career) pathways

• Course sequences that span high school and college
• Stackable credentials
• Integrated CTE and “academics” (contextual learning)
• Workplace learning
• Student support
# CCTI Career Pathways Template

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>RECOMMENDED ELECTIVE COURSES</th>
<th>OTHER ELECTIVE COURSES</th>
<th>CAREER AND TECHNICAL EDUCATION COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
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<td></td>
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<td>10</td>
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<tr>
<td>12</td>
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</tr>
</tbody>
</table>

**Rigorous Academics**

**CTE for all**

**Dual Enrollment**

**Early Assessment in H.S.**

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**Required Courses**
- Recommended Elective Courses
- Other Elective Courses
- Career and Technical Education Courses
- Credit-Based Transition Programs (e.g., Dual/Concurrent Enrollment, Articulated Courses, 2+2+2)
- Mandatory Assessments, Advising, and Additional Preparation

*Funded by the U.S. Department of Education (VA01B020001)*
## Example: Anne Arundel Career Pathway

<table>
<thead>
<tr>
<th>COLLEGE:</th>
<th>Anne Arundel Community College</th>
<th>CLUSTER:</th>
<th>Education and Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIGH SCHOOL(S):</td>
<td>Annapolis, Arundel, Chesapeake, Glen Burnie, Meade, North Co., Northeast, Old Mill, Severna Pk</td>
<td>PATHWAY:</td>
<td>Teaching/Training</td>
</tr>
<tr>
<td>PROGRAM:</td>
<td></td>
<td></td>
<td>Academy of Teaching Professions</td>
</tr>
</tbody>
</table>

### REQUIRED COURSES

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>OTHER ELECTIVE COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>English 9 (1)</td>
<td>Algebra I or Geometry (1)</td>
<td>Biology (1)</td>
<td>US Government (1)</td>
<td>Health (.5)</td>
</tr>
<tr>
<td>10</td>
<td>English 10 (1)</td>
<td>Geometry or Algebra II (1)</td>
<td>Chemistry or Earth, Space Science (1)</td>
<td>AP European History or World Civ. (1)</td>
<td>Foreign Language (1)</td>
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</tr>
</tbody>
</table>

### RECOMMENDED ELECTIVE COURSES

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>OTHER ELECTIVE COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>AP English Language or English 11 (1)</td>
<td>Algebra II or Pre-Calculus (1)</td>
<td>AP Sci. elective, Physics or Chem. or Physical Sci. (1)</td>
<td>AP US History or US History (1)</td>
<td>Foreign Language (1)</td>
</tr>
<tr>
<td>12</td>
<td>AP English Literature or English 12 (1)</td>
<td>AP Calculus, Pre-Calculus or Math elective (1)</td>
<td>AP Science or other science elective, (1)</td>
<td>AP Psychology (1)</td>
<td>Prof. Career Internship (.5-1)</td>
</tr>
</tbody>
</table>

### CAREER AND TECHNICAL EDUCATION COURSES

- Accuplacer administered second semester, 10th grade to assess college readiness and address areas of weakness
- Administer college placement exams (reading, math and writing) and other assessments to determine academic readiness and career skill preparedness; provide academic/career advising and additional preparation
- Passage of Praxis exam required for AAT
- To complete Associate of Arts in Teaching (AAT), a student must submit passing Praxis scores, and earn a 2.75 cumulative grade point average and a C or better in all coursework.
- Upon successful completion of AAT and acceptance into any Maryland public or private education program, a seamless transfer without loss of credit is guaranteed.

### Required Courses
- Funded by the U.S. Department of Education (V051B020001)

### Recommended Elective Courses

| Year 1 1st Semester | • Composition and Intro to Lit. I (3) | • Fundamental Concepts of Math I (4) | • Fund. of Bio. or Envir. Sci. (4) | • Intro to Psychology (3) | • Foundations of Education (3) |
| Year 1 2nd Semester | • Composition and Intro to Lit. II (3) | • Fundamental Concepts of Math II (4) | • General Physical Science (4) | • World Geography (3) | • Growth and Development (3) |

### Year 2 1st Semester
- • Fund. of Oral Comm. (3) | • Fundamental Concepts of Math III (4) | • The Solar System (4) | • Educational Psychology (5) | • Introduction to Special Education (3) |

### Year 2 2nd Semester
- • American History 1 or 2 (3) | • Foundations of Reading & Lang. Arts (3) | • Personal & Community Health (3) | • American Government (3) | • Introduction to Fine Arts (3) |
NAM stacked credentials

WHAT MANUFACTURERS WANT

High Quality Middle Class Jobs

Occupation-Specific Certifications

Entry Level Industry Certifications

Ready for Work, Ready for College

Career Paths – Life Long Learning

What Manufacturers Want

Management Competencies

Occupation-Specific Requirements

Industry-Sector Technical Competencies

Industry-Wide Technical Competencies

Workplace Competencies

Academic Competencies

Manufacturing Process Design & Development

Production

Maintenance, Installation & Repair

Supply Chain Logistics

Quality Assurance

Continuous Improvement

Sustainable & Green Manufacturing

Health, Safety, Security & Environment

Business Fundamentals

Teamwork

Adaptability Flexibility

Marketing & Customer Focus

Planning & Organizing

Problem Solving & Decision Making

Working with Tools & Technology

Critical Thinking

Sustainable Practices

Science

Basic Computer Skills

Mathematics

Reading

Writing

Communication Listening & Speaking

Critical & Analytic Thinking

Information Literacy
Integrated, contextual learning

• Perkins IV requires “integration of rigorous and challenging academic and career and technical education in POS/career pathways.” (NRCCTE)
• Many jobs require good math and literacy skills.
• Students often learn better if the material is relevant to their interests.
# Sample map from NRCCTE

## Math-in-CTE Curriculum Map: Architecture and Construction

<table>
<thead>
<tr>
<th>CTE Course/Unit</th>
<th>CTE Concepts</th>
<th>Math Concepts</th>
<th>Middle School Common Core Math Standards</th>
<th>High School Common Core Math Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety</td>
<td>Tool usage; Shop safety</td>
<td>Statistics (Accidents in industry or schools); Reading and following flow charts</td>
<td>6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4; 6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 8.SP.3; 8.SP.4</td>
<td>S.ID.1; S.ID.2; S.ID.3; S.ID.4; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1; S.IC.1; S.IC.2; S.IC.5</td>
</tr>
<tr>
<td>Architectural design; Careers; Project design; Site layout; Types of drawings; Reading drawings</td>
<td>Residential structure design types; Careers in construction and design; Layout of buildings</td>
<td>Symmetry; Earning potential; Trigonometric angle; Scale, ratio, and proportion;</td>
<td>7.G.5; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.G.1; 6.G.2; 6.G.3; 7.G.1; 7.G.4; 7.G.6;</td>
<td>G.CO.9; G.CO.12; G.CO.13; G.SRT.6; G.SRT.8; F.TF.1; F.TF.2; F.TF.7; G.MG.3; G.SRT.5</td>
</tr>
</tbody>
</table>
Workplace learning- National Academy Foundation

CONTINUUM OF COLLEGE & CAREER EXPERIENCES

The NAF Continuum of College & Career Experiences includes work-based learning, in which students directly interact with business partners, as well as additional experiences which prepare students for college and careers.

<table>
<thead>
<tr>
<th>Awareness</th>
<th>Exploration</th>
<th>Preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guest speaker</td>
<td>Job shadow</td>
<td>Paid internship</td>
</tr>
<tr>
<td>Worksite tour</td>
<td>Mock interview</td>
<td>Virtual or school-based enterprise led by business partner</td>
</tr>
<tr>
<td>Career fair</td>
<td>Informational interview</td>
<td>Senior presentation to business partner</td>
</tr>
<tr>
<td>Mentor with business partners</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Work-Based Learning Experiences**

- Individualized student learning, college & career plan
- Career interest inventory
- NAF Curriculum
- Community planning project
- Industry competition or conference
- Resume development
- Business dress, behavior, and etiquette training
- NAF Curriculum
- Industry certificates
- Community planning project
- Academy student recruitment
- NAF Curriculum
Cristo Rey Internships/Jobs

Our Students Work in the Following Industries in New York City Metropolitan Area

- Finance
- Law
- Information/Technology
- Healthcare/Hospital
- Insurance
- Accounting & Consulting
- Real Estate
- Other
DUAL ENROLLMENT PROGRAMS PERSPECTIVE

Advanced Manufacturing at Housatonic Community College (HCC)
Advanced Manufacturing at Housatonic Community College

HCC INFORMATION
- 5,288 total enrollment
  - 1,836 full-time
  - 3,452 part-time
- 38% male / 62% female
- Minority enrollment 63% (majority Latino and Black)
- Student to teacher ratio 15:1
- 37 Degree Programs – A.A and A.S.
- 24 Certificate programs

BASSICK ENROLLMENT
- AY 2015-2016 enrolled 10 rising juniors (Cohort 1) 9 boys and 1 girl
- AY 2016-2017 we enrolled 15 new rising juniors (Cohort 2) 11 boys 4 girls
- Current enrollment
  - Cohort 1-5 boys (1 death of parent;1 drug use;2 focus on post-secondary;1 struggling academically)
  - Cohort 2-8 boys 3 girls (1 girl moved;1 medical;2 boys academically struggling)
- TOTAL 16 students
HCC STUDENT RECRUITMENT

BASSICK’S ADVANCED MANUFACTURING CLASS

AT HOUSATONIC COMMUNITY COLLEGE

ONLY YOU WERE CHOSEN!!

A UNIQUE EXPERIENCE
A PATH TO A CAREER

EARN HIGH SCHOOL & COLLEGE CREDITS AT THE SAME TIME
The Southwestern Connecticut Advanced Manufacturing Center, established at HCC in 2012, is part of a statewide initiative to provide skilled employees for the growing manufacturing industry.

Advanced Manufacturing is the path to a growth-oriented career that is hands-on and high-tech, in Aerospace, Submarines, Biomedical Technology and other exciting fields.

The Advanced Manufacturing Program is a one school year (9 month) certificate program. It is an intense thirty-five hour per week, thirty-four college credits program. Students can choose a day or night schedule.
FAQs

TRANSPORTATION
- Students will be transported to Housatonic via bus provided by BOE
- Students will be given bus pass for transportation home

HOURS
- At Bassick regular school hours 7:53-11:40
- At HCC classes 12:00-2:30

CREDITS
- High School 40 points: for Math, Science, English, History and an additional 30 points for classes at HCC
- Housatonic 18 points at the end of 2 years
  - The 18 credits towards the 34 credits required to receive your CERTIFICATION IN ADVANCED MANUFACTURING

GRADUATION
- Students will graduate June 2017 with all required credits

FUTURE
- CERTIFICATION prepares students for the demanding workforce with beginning salaries at $35,000-40,000 per yr.
- CERTIFICATION points can be credited toward an ASSOCIATES IN SCIENCE DEGREE
- The ASSOCIATES DEGREE can be transferred to Central Ct State University for a Bachelors DEGREE

ACTIVITY, SPORTS ETC
- Students can participate in any extra-curricular / after-school team or activity they are eligible for.
CAREER PATH

- CAD/CAM Programmer
- CNC (Computer Numeric Control) operator
- CNC Programmer
- Assembler
- Careers in Manufacturing.
  - Lean Manufacturing
  - Quality Control Inspector-Metrology
  - Tool and Die
  - Machining-Operator

AVG YEARLY SALARY

- Avg Starting Salary: $47,214
- Avg Starting Salary: $40,638
- Avg Starting Salary: $74,260
- Avg Starting Salary: $43,158
- Avg Starting Salary: $55,102
- Avg Starting Salary: $42,110

http://www.ct.edu/makeithere
# THE CURRICULUM

## Year 1-Junior Year

<table>
<thead>
<tr>
<th><strong>HCC’s course</strong></th>
<th><strong>High School Alignment</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to CAD</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Blue Print Reading I</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Manufacturing Machinery-Drill Press and Saw</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Manufacturing Machinery-Benchwork</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Manufacturing Machinery-Milling I</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Metrology</td>
<td>Tech Ed Elective</td>
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</table>

## Year 2-Senior Year

<table>
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<tr>
<th><strong>HCC’s course</strong></th>
<th><strong>High School Alignment</strong></th>
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</thead>
<tbody>
<tr>
<td>Manufacturing Machinery-Grinding</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Manufacturing Machinery-Lathe</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Manufacturing Machinery-CNC I</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Lean Manufacturing</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Manufacturing Math</td>
<td>Tech Ed Elective</td>
</tr>
<tr>
<td>Career Awareness</td>
<td>Math Elective</td>
</tr>
<tr>
<td>Computer Applications</td>
<td>Business Elective</td>
</tr>
</tbody>
</table>

18 College Credits upon completion-16 more credits needed for Certification- add’tl 26 credits needed for A.S
BASSICK HIGH SCHOOL

DUAL ENROLLMENT PROGRAMS
PERSPECTIVE

Healthcare Career and College Readiness Program (HCCRP) at St. Vincent’s College
Healthcare Career and College Readiness Program at St. Vincent’s College

St. Vincent’s information:
- Private institution
- 675 total enrollment
- Male to female student ratio of 13% male to 87% female.
- Student to teacher ratio 13:1
- 4 Degree Programs – 2 A.S and 2 B.S.
- 14 Certificate programs

BASSICK ENROLLMENT
- AY 2016-2017 we enrolled 18 rising freshman (Cohort 1) 11 boys 7 girls
- AY 2017-2018 anticipating enrolling 10 rising freshman (Cohort 2)
- CNA Certificate Program enrollment 2 Juniors and 2 Seniors through Continuing Ed

Current enrollment 17 students (1 student transferred to another school)
ST. VINCENT’S COLLEGE RECRUITMENT

TO LEARN MORE:
COME TO OUR INFORMATION SESSION
ON WEDNESDAY, AUGUST 17 @ 11:00 AT BASSICK

LIMITED SPACE
ONLY 18 STUDENTS WILL BE SELECTED
REGISTRATION STARTS WEDS. 8/17
DECISION WILL BE MADE ON FRIDAY 8/19

HEALTH CARE CAREER OPPORTUNITY FOR INCOMING 9TH GRADERS

A UNIQUE EXPERIENCE AT
ST VINCENT’S COLLEGE
A PATH TO A CAREER IN HEALTH CARE FOR 18 SELECTED STUDENTS

EARN HIGH SCHOOL & COLLEGE CREDITS AT THE SAME TIME AT
BASSICK AND ST. VINCENT’S COLLEGE
HEALTHCARE CAREER AND COLLEGE READINESS PROGRAM
ST. VINCENT’S COLLEGE- HEALTHCARE CAREER AND COLLEGE READINESS PROGRAM

**Certified Nursing Assistant-CNA**
- The certificate program prepares you to function as an assistant within the healthcare team, utilizing multiple skills.

**Patient Care Technician-PCT**
- If already a certified CNA you will learn additional skills in acute/hospital patient care setting, data processing, basic phlebotomy and electrocardiograms. The program prepares you to become an allied healthcare worker.

**Pharmacist Technician- CPhT**
- As a Pharmacist Technician you will help licensed pharmacists provide medications and other healthcare products to patients.

**Lay Navigator/Community Health Aide-CHA**
- A Lay Navigator or Community Health Aide is an individual who is familiar with the communities and acts as an advocate or liaison between community members and the health care system.
FAQs

WHO WILL ATTEND:
• All incoming 9th graders may apply
• All applications will be screened by a Selection Committee * Director of Guidance; Director School of Nursing; MA Coble
• ONLY 18 STUDENTS WILL BE CHOSEN FROM ALL APPLICANTS.

HOURS
• At Bassick regular school hours 7:53-11:40 (periods 1-4)
• At St. Vincent’s classes 12:00-2:30

POINTS/CREDITS
• HIGH SCHOOL POINTS:
  • 40 POINTS for Math, Science, English, History
  • 30 POINTS for classes taken at St. Vincent’s. **HAS BEEN AMENDED 5 PTS PER SEMESTER
• COLLEGE POINTS
  • 3 POINTS/CREDITS per semester for classes at St Vincent’s; Total 6 POINTS/CREDITS per year. (Dual Enrollment).
  • The POINTS/CREDITS earned at St, Vincent’s go towards CERTIFICATION Health Care Careers

GRADUATION
• Students will graduate June 2020 with all required High School Credits and additional College Credits (approx. 24 credits)

FUTURE
• CERTIFICATION prepares students for careers in Health Care:
  • Certified Nurse Assistant-CNA;
  • Patient Care Technician-PCT;
  • Certified Pharmacy Technician; CPhT
  • Community Health Aide-HCA
• CERTIFICATION points/credits can be credited toward an ASSOCIATES and BACHELOR’S DEGREES
# BUILDING A FUTURE

<table>
<thead>
<tr>
<th>CAREER PATH</th>
<th>AVG YEARLY SALARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Certified Nurses Aide</td>
<td>$25,000</td>
</tr>
<tr>
<td>o Nursing homes and assisted living</td>
<td></td>
</tr>
<tr>
<td>o Hospice and long-term care settings</td>
<td></td>
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<tr>
<td>o Community based long-term care</td>
<td></td>
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<tr>
<td>o Correctional institutions</td>
<td></td>
</tr>
<tr>
<td>• Patient Care Technician</td>
<td>$37,813</td>
</tr>
<tr>
<td>o Healthcare facilities</td>
<td></td>
</tr>
<tr>
<td>o Hospitals</td>
<td></td>
</tr>
<tr>
<td>o Nursing homes</td>
<td></td>
</tr>
<tr>
<td>• Lay Navigator/Community Health Aide-CHA</td>
<td>$37,952</td>
</tr>
<tr>
<td>o Health Care Agencies</td>
<td></td>
</tr>
<tr>
<td>• Pharmacist Technicians</td>
<td>$29,525-$36,530</td>
</tr>
<tr>
<td>o Retail Pharmacy</td>
<td></td>
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<tr>
<td>o Compounding Pharmacy</td>
<td></td>
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<tr>
<td>o Hospital Pharmacy</td>
<td></td>
</tr>
<tr>
<td>o Nursing Homes / Assisted Living / Mental Health</td>
<td></td>
</tr>
<tr>
<td>o Mail-order Pharmacy</td>
<td></td>
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</tbody>
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COHORT 1

St. Vincent’s course
2016-2017 (9th grade)
Semester 1  Keyboarding and Word Processing
Semester 2  Medical Terminology
High School Alignment
Business Elective
Science Elective

2017-2018 (10th grade)
Semester 1  Introduction to Information Systems
Semester 2  Illness & Disease
High School Alignment
Business Elective
Science Elective

2018-2019  CNA Classes (Pathways) (11th grade)
Semester 1  Certified Nurse Aide
Semester 2  Patient Care Technician
High School Alignment
Science Elective
Science Elective

2018-2019  Pharmacy Tech Classes (Pathways) (11th grade)
Semester 1  Introduction to Sociology
Semester 2  Introduction to Psychology
High School Alignment
Humanities Elective
Humanities Elective

2019-2020  CNA/PCT Classes (Pathways) (12th grade)
Semester 1  Informatics & Electronic Health Records
Semester 2  Community Health Aide
High School Alignment
Business Elective
Science Elective

2019-2020  Pharmacy Tech Classes (Pathways) (12th grade)
Semester 1  Pharmacy Technician
Semester 2  Community Health Aide
High School Alignment
Science Elective
Science Elective

18-24 credits upon completion
CHALLENGES

Retention Rate
- Bridgeport has a highly transient population. Students move in and out of the district frequently

Supplies
- Families have limited resources….
- For 2 years Bassick has needed to purchase 60% of the students’ work boots
- This year Bassick purchased supplies for Medical Terminology class

Revenue
- The District paid for school bus transportation to the college and monthly bus passes to get home
- St Vincent’s commitment to Bassick is tuition-free through 2017-18
- Question of sustainability
REWARDS AND BENEFITS

- Many are 1st generation high school graduates
- Most students are 1st generation college students
- Most are immigrants
- Pride when they are referred to as our “college students” especially when making school wide announcements
- Earning college credits
- Experiencing life on campus
- Experiencing academic rigor of college
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