Sharing our Promising Practices: Learning from each other

Perkins Regional Drive-in Meeting

Tuesday, February 28, 2017
Pitt Community College

Wednesday, March 1, 2017
Catawba Valley Community College

Dr. Bob Witchger - Director, Career and Technical Education
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Vacant – Administrative Assistant, Career and Technical Education
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Agenda

9:00 Gathering

9:30 Perkins Update Overview Purpose and Goals

1. Thanks for all you do
2. Vision
3. Mission
4. Perkins Focus
5. Improvement Strategies through Leadership
6. MOA – Equity in Education
7. Scope of Work
8. Data to Enhance CTE
9. Activities to Contemplate toward Improvement
10. What does our Data tell us?

10:00 Accountability - Perkins Data Book

How are colleges using this book to improve performance?

10:30 Colleges report out from Local Plan

Each college will highlight or summarize a promising practice (5-minute time limit) on how college is using Perkins funds to address one of the nine required activities.

Snacks and Light Lunch will be provided during the meeting.

2:00 Discussion about 2017-18 Perkins year

Discussion as we begin to develop the plan for using Perkins funds for next year.

2:30 Dismissal

Discussion Questions

1. Based on what I have learned today, what ideas do I have to improve implementation of the Perkins basic grant at my college with the goal of enhancing Career and Technical Education.

2. As I come to better understand rigorous programs of study with the three elements; Career Advising, Integrated Classes grades 9-14, and Work-based Learning:

   a. What can we do to better communicate the elements of pathways?

   b. What can we do to improve transitions from high school to community college?

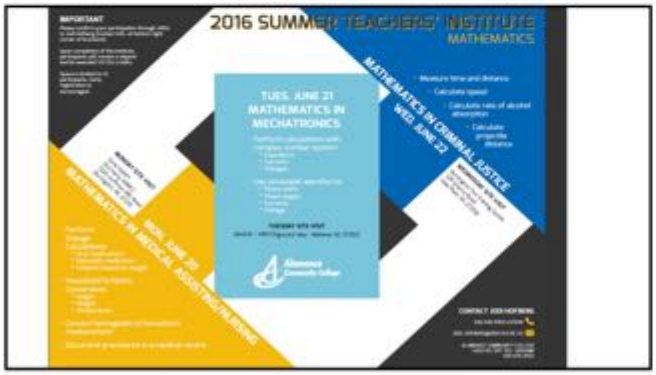
   c. What can we do to better engage employers?

   d. What can we do to better implement work-based learning?

3. What are some strategies to enhance the skills of our technical faculty?

Alamance Community College

- Initiative to address Section 5 of our local plan
  - Provide professional development programs to secondary and postsecondary teachers, faculty, administrators…who are involved in integrated career and technical education programs…
- This program offered in the summer is an institute for high school math teachers to show them how mathematics is used in technical fields so they can answer the question their students ask:
  - *"When am I ever going to use this stuff?"*
- Teachers are paid stipends and earn CLEs.



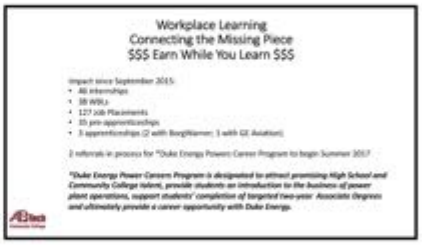
Learning to Earn!
Asheville-Buncombe Technical Community College
A-B Tech

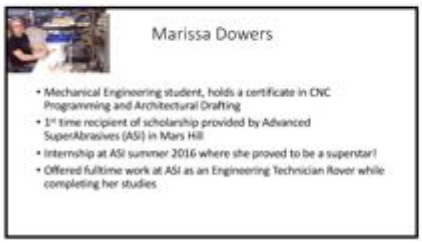
Employer Engagement
Raising Awareness of
Manufacturing Possibilities (RAMP)

WHEEL OF OPPORTUNITY

CAREER
PATHWAYS

Debbie Cromwell
Workplace Learning
Coordinator


Workplace Learning
Connecting the Missing Piece
$$$ Earn While You Learn $$$


Marissa Dowers
• Mechanical Engineering student, holds a certificate in CNC Programming and Architectural Drafting
• 1st time recipient of scholarship provided by Advanced SuperAbrasives (ASI) in Mars Hill
• Internship at ASI summer 2016 where she proved to be a superstar!
• Offered fulltime work at ASI as an Engineering Technician Rover while completing her studies

Joel Luczak
• Recent graduate earning an Associates Degree in Computer Integrated Machining
• Interned with GE Aviation for six months, internship subsequently extended three times in three month intervals
• Upon graduation, Joel was offered a fulltime position as a Machinist in the Rotating Parts Division

Evan Capps
• Recent graduate earning an Associates in Industrial Systems Technology, Certificate in Industrial Automation, Certificate in CNC Machining
• Accepted as an Apprentice (non-registered) with Atlas Precision
• Began training and working as a Design Engineer on projects from day one
• Upon graduation was offered a fulltime position as an Engineering Apprentice

Beaufort County Community College

2016-2017

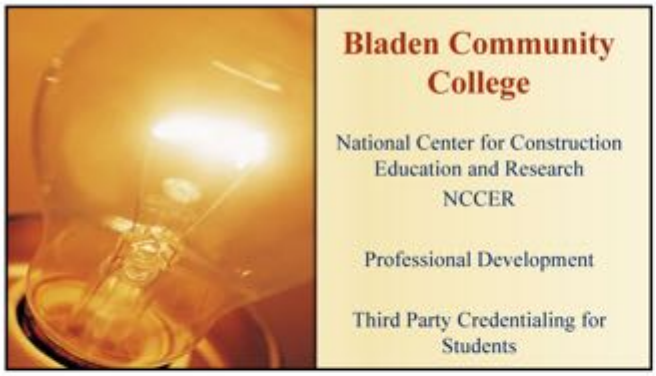
Conversion of Classroom to Mechatronics Lab

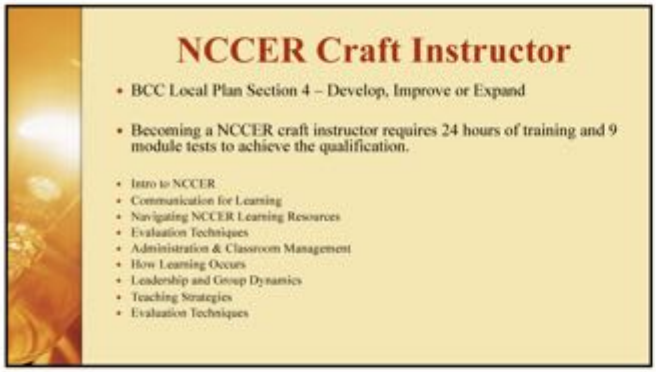
PLC Lab Upgrade

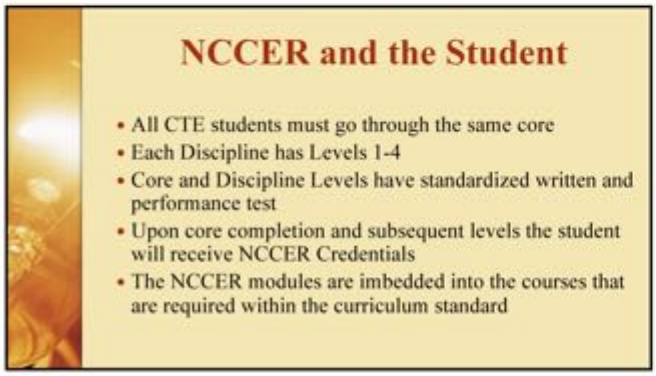
Electrical Engineering Classroom Upgrade

Opportunities for Instructors

- Automotive Technology- Inspection and Emissions Training
- Information technology- Software webinars
- Business Administration- Offsite Open House and Expo- Entrepreneurship
- Criminal Justice- Medico-legal Death Investigation seminar
- Mechanical Engineering –Partnered with AmeriCorp , Beaufort County Public Schools and East Carolina University for STEM East Program


Bladen Community College
National Center for Construction Education and Research
NCCER
Professional Development
Third Party Credentialing for Students


NCCER Craft Instructor
BCC Local Plan Section 4 – Develop, Improve or Expand
Becoming a NCCER craft instructor requires 24 hours of training and 9 module tests to achieve the qualification.
Intro to NCCER
Communication for Learning
Navigating NCCER Learning Resources
Evaluation Techniques
Administration & Classroom Management
How Learning Occurs
Leadership and Group Dynamics
Teaching Strategies
Evaluation Techniques


NCCER and the Student
All CTE students must go through the same core
Each Discipline has Levels 1-4
Core and Discipline Levels have standardized written and performance test
Upon core completion and subsequent levels the student will receive NCCER Credentials
The NCCER modules are imbedded into the courses that are required within the curriculum standard

Blue Ridge Community College
Creating Success
Hope • Opportunity • Jobs

Perkins Update 3/1/17

Chris English
Dean for Advanced Technologies

Best Practice

- Move majority of salary funding to more support for Equipment and Professional Development
  - 10% will continue to fund special population coordinator
- Developing new pathways will support Career Academy High School to be located on BRCC Campus.

Blue Ridge

Equipment

- Equipment to support NATEF / ASE certification in automotive systems

Blue Ridge

Support for CIM program

- New ACER mills in Computer-Integrated Machining program to meet NIMS credentialing requirements

Blue Ridge

Support for EMS program on accreditation - CAAHEP Commission on Accreditation of Allied Health Programs

- Ipads purchased with Perkins funds are used by EMS students to meet accreditation standards and provide training, documentation of tasks, and allows for tracking of outcomes while interning.

Blue Ridge

New EMS pathway development

Blue Ridge

Tracking CTE Student Success

Brunswick Community College

Michael Cobb

Tracking Student Enrollment and Success at BCC

Connection to Perkins Grant Expectations and Local Plan

- Section 6 – evaluation of career and technical education programs (6.5 of BCC's local plan)
- Section 9 – monitor special populations (9.3 of BCC's local plan)
- Table 1 – Grade Distribution filtered for CTE students (*sample only, not all courses listed*)
  - Dean and Directors are able to see which course CTE students struggle in.
- Table 2 – Grade Distribution filtered for CTE students, program major and gender (*not all programs listed*)
  - Dean and Directors are able to monitor special populations

CTE Grade Distribution, Completion and Success Report - Spring 2016

Courses	A	B	C	CR	D	F	I	NC	P	S	W	Grand Total	Completion	Success
AGR-120	1	1										2	100%	100%
AGS-101	1	1	1									3	100%	100%
BUS-110	10	5			3	4	2					24	83%	63%
BUS-115		6	3				2	1			1	13	85%	69%
CHM-132		1										1	100%	100%
COS-112	4						1					5	100%	80%
CPT-151	7	1				2					1	11	73%	73%
DMA-010								1	15	2		18	94%	83%
DRE-097									4	1	1	6	83%	67%
DRF-099									6	1		7	100%	86%
EDU-234	6	5	1			1					1	14	86%	86%
EGR-265	3	1			1							5	100%	80%
ELC-128	3											3	100%	100%
ENG-111	16	8	7		2	1	6	2			1	43	91%	72%
HIT-214	5	2										7	100%	100%
HOR-257	6											6	100%	100%
MAT-143	11	8	2			3	1				1	26	85%	81%
MED-139	2	2	1								1	6	83%	83%
NUR-183		4	4									8	100%	100%
NUR-112		4	2									6	100%	100%
OST-284	7						3					10	100%	70%
SPA-111			1		2	1					4	8	38%	13%
WLD-261		2	1					1				4	75%	75%
Grand Total	515	251	142	3	42	51	108	32	77	11	78	1,307	88%	76%

CTE Grade Distribution, Completion and Success Report - Spring 2016

By Program and Gender

Program(s) Details	A	B	C	CR	D	DS	F	I	P	W	Grand Total	Completion	Success
Business Administration	58	33	18		5	4	20	8	2	3	156	78%	75%
F	33	13	6		2	2	10	5	2	2	75	79%	76%
M	25	9	8		3	2	10	3		1	61	74%	74%
Information Systems	47	19	6		2		9	5	1	7	92	80%	79%
F	6		1				5			1	13	64%	64%
M	41	19	7		2		4	5	1	6	81	83%	81%
Electronic Engineering	34	9	1		1	1	4	8		1	59	97%	97%
F	5										5	100%	100%
M	29	9	1		1	1	4	8		1	48	95%	95%
Health Information Technology	60	14	6		1	1	7	1	1	2	88	93%	92%
F	60	14	6		1	1	7	1	1	2	88	93%	92%
Cosmetology	19	10	5		1	1	6			5	39	64%	64%
F	19	10	5		1	1	6			5	39	64%	64%
Early Childhood Education	50	21	13	3	11	8	8	7	3	13	136	71%	69%
F	50	21	13	3	11	8	8	7	3	13	136	71%	69%
Welding	3	10	10		1	3	1			1	43	96%	96%
M	3	10	10		1	3	1			1	43	96%	96%

Additional Tracking at BCC

- Data for enrollment is also tracked
- Spring semester 2016 was used as a baseline, moving forward
- Data can be filtered by race/ethnicity as well
- Deans and directors already receive the same completion and success data for College Transfer, Gateway courses, and Multiple Measure students. In this way deans and directors can compare CTE students with other student groups.

Caldwell Community College and Technical Institute

Serving Caldwell and Watauga Counties

Career and College Promise Showcase
CCP Pathways at Service Area High Schools
March 1, 2017

What is Career & College Promise Showcase??

-With the high school registration process beginning, CCCTI collaborated with two of the high schools in our service area to put on a Career & College Promise Showcase. The purpose was to bring information and attention to CCP pathways (including 9-14 pathways) to the students and teachers at the high school.

-Department Chair for CTE, Program Directors/Instructors, and the Transition Advisor presented information on CCP programs and pathways. A PowerPoint was shared with the students along with program cards.

-Schools visited included Hibriten High School and West Caldwell High School. Presentations were given during four class periods. At Hibriten, each presentation was 80 minutes. At West Caldwell, presentations were 45 minutes (due to early release schedule). Students had time at the end of each presentation to meet with program directors/instructors for further information.

Career & College Promise Showcase Feedback

-At Hibriten, college faculty met with approximately 350 students. They heard about CCP programs in Culinary, Automotive Systems, Office Programs (including Paralegal), Early Childhood, College Transfer, and Mechanical/Electrical Engineering.

-Showcase may have went too well! Afterwards, there was concern from high school teachers that was voiced to high school administration that the college was going to steal away their students and programs! Open communication between the college and high school should help ease these concerns.

-At West Caldwell, college faculty met with 288 students. Programs presented were Automotive Systems, Autobody, Business Programs, Cosmetology, Early Childhood, College Transfer, Mechanical/Electrical Engineering.

-As registration starts, we will see if our CCP enrollment, especially in CTE 9-14 pathways increase. We feel this was the best collaborative effort we have made to get the word out about programs to our high school partners. We hope to visit other schools in the near future.

What's Happening with
PERKINS @
CAPE FEAR
COMMUNITY
COLLEGE

Baking and Pastry Arts

Other Happenings
STEM EVENTS
Veterinary Medical Technology
EVT EXPO
Manufacturing Day

SEA-TECH
New CTE High School – New Hanover County / Pender County Schools

Taste of Industry

Carteret Community College

Purpose

- To expose adults who possibly influence student's career choices to some of the career and technical offerings at Carteret Community College, in hopes that this will lead to increased enrollment in technical programs, especially enrollment by women and minorities.

Participants
- CTE Teachers
- Counselors
- Career Development Coordinators
- Workforce Development Staff
- Boys and Girls Club Staff

Programs Visited
- Boat Manufacturing
- Culinary Arts
- Information Technology
- Marine Propulsion

Activities for the day

- Introductions, overview of programs including work-based learning programs, and CTE Career Pathway options for high school students
- Boat Manufacturing – Rhino 3-D drawing software demonstration
- Marine Propulsion – marine motor computerized testing equipment
- Culinary – assist instructor in preparing a simple lunch using state-of-the-art equipment
- Information Technology – build iPhone application
- Brainstorming Session – increasing minority and gender diversity in technical fields.

Participant Feedback

- "I will be sharing information with students during career lessons; I will be bringing students to campus for tours."
- "I plan to encourage all of my students to look into these programs at CCC; I think the cost and the availability of jobs would encourage all students."
- "I cannot wait to take this information back to my students; I learned about programs that I did not know existed at CCC."
- "Now that I have firsthand knowledge of the programs; I will be more aware of how I present information about the community college."
- "I plan to promote the CCC College in high school website and also encourage students to talk to a community college counselor one-on-one."

CVCC CAREER CENTER

Career Counseling | Work-Based Learning | Job Placement

Career Center Highlights

- **CVCC Job Fair** – Community partnership with Catawba County Chamber of Commerce, NCWorks Career Center- Catawba, Department of Social Services, Lenoir-Rhyne University, and Division of Vocational Rehabilitation Services
  2016 Job Fair – 98 employers/8 education & community resources
  500+ job seekers attended

- **Career Presentations** – (Resume writing/job search/mock interviews) Worked with students in the following programs: Advertising & Graphic Design, Health Information Technology, Photographic Technology, Surgical Technology, Office Administration, Medical Office Administration, Dental Hygiene, Nursing, Emergency Medical Science, Information Systems Security
- **High School Connections** – Participated in High School Career Fairs (Alexander Central & Bandys High School)and the Education Matters Career Prep. Conference(over 400 high school seniors attended) Presented to Project Potential & Inspired Learning classes (Hickory High School) and Camp Med. students
- ***Jennifer Kiser***, WBL Student, Business Administration & Accounting – North Carolina Cooperative Education Association Student of the Year Award

CAREER COUNSELING HIGHLIGHTS

- Individual career counseling is available to prospective students/students who are interested in discussing their career interests, goals, and career/educational plans.
  - In 2016 – **203** individual counseling sessions. **12** career planning class/group presentations
  - Focus 2 Career Planning System – **387 new users**
  - Career Coach – Provides career information and local employment trends to help students discover local opportunities.
  - New for Fall 2016: Perfect Interview! **189** registered users; **431** interview sessions and **130** completed interviews! World of Work classes (WBL 110) and two sections of COM 110 are using Perfect Interview for mock interview assignments.

Work-Based Learning Highlights

- Work-Based Learning provides students an opportunity to combine theory in the classroom with real-world work experience.
  - 2016 – **140** Work-Based Learning classes; **68** students completed WBL 110 – World of Work class.
  - Number of employers: **90**
  - Number of students who reported that they were employed/still working after their WBL experience: **112**
  - Campus Connections: Presented information about WBL program and opportunities to students in: Accounting, Automotive Systems, Business Administration, Business Technologies, Computer-Integrated Machining, Engineering Technologies, and Turfgrass Management Technology

Job Placement Highlights

- Job Placement services are free and available to all students, graduates, and alumni.

Services to students/alumni include:

- Resume Development & Job Search Strategy – Assisted students/alumni with **106 resumes** in 2016
- Connection to Employers posting positions on the Student Job Posting Webpage: www.cvcc.edu/studentjobposting. In 2016, **383 jobs** posted from **216 employers**

Employer Services include:

- Job Posting on the Student Job Posting Webpage
- On Campus Recruiting: **13 Employer Recruiting Events** in 2016
- CVCC Career Center Visits – **7 Employer Visits**
- Career Center Staff Engagement in Company Tours – **4 Company Tours**

CENTRAL CAROLINA COMMUNITY COLLEGE

Central Carolina (Apprenticeship) Works

Perkins Promising Practices

February 28th 2017

Central Carolina Apprenticeship Works

- Our Apprenticeships are with two programs Welding and Machining. These two programs have 30 students in them that are placed in local industry. We also offer the following through CCAW.
- Internships
- Job-Shadowing
- Service Learning
- Industry Tours
- Hands on training developed in the classroom
- Support from local industry with innovations through discussion with advisory boards

Promising Practices

- Marketing and promotion to both industry and students
- Reducing scheduling conflicts with industry and the college
- Student coaching and advising is vital
- Listening to Industry's changing needs through advisory boards
- Being a Coach and listening to the Student's changing needs
- Enhancing of our CTE pathways based on input from secondary partners and local industry
- Having Career and College Promise Advisers in each school to help track students and promote the program.

CENTRAL PIEDMONT COMMUNITY COLLEGE

Charlotte, NC

Professional Development

- Automotive Certifications
  - Precision Measurement, Multi-Meters, Pro-Links (National Coalition of Certifying Centers)
- Welding Certifications
  - American Welding Society - conference for educators
  - Lincoln Electric - Robotics training
- E4 Carolinas Leadership Certification
  - broad-based energy research, innovation, technology, planning, production, transmission, distribution and regulation
- Working Smart Program - work place and life skills, soft skills training
  - certificate trainings for two ambassadors to offer the program for CTE campuses
- National Association of EMS Educators Conference
  - EMS Supervisor certification & research presentation

Placement, Retention, & Completion

- Open House
  - Mercedes campus - area high schools tour
  - Harper campus - parents, high school students and area businesses
- Harper Summit - Industry and Student Clubs show case
  - Students engaged - Middle College and 13-14th year students
  - Industry partners - interactive tables, demonstrations, networking
- STEMersion -
  - Area teachers and CDCs join Harper for hands on day fun and exposure
  - Middle college students have STEMersion rotation day

9th - 14th Career Pathways

- Soft Skills Inactive Workshop
  provided for area CTE Academies

- CIEC - Construction Industry Consortium
  - Pulling industry partners assist with hands on and panel discussions with high and middle schools

- Advisory Boards - CTE Coordinators serving - providing clear progression for
  - Vance High Engineering Academy
  - South Mecklenburg - Ideal Academy

Cleveland Community College + Cleveland County Schools =

Advanced Manufacturing Academy for 11th graders

Advanced Manufacturing Academy @ Cleveland Community College

Two years @ CCC will equal a high school diploma and a college diploma (plus certificates from stackable credentials). Students have the option for a 5th year to complete the AAS. All tuition-free with books provided by the high school.

Fall 2017 begins with 6 programs:

- Automation Engineering Technology
- Computer-Integrated Machining
- Facility Maintenance Technology
- Industrial Systems Technology
- Mission Critical Operations – Operations Technology
- Welding Technology

Advanced Manufacturing Academy @ Cleveland Community College

Recruitment and Application Process

- Student and Parent Interview
- Teacher and Principal Recommendation
- Ability to access online classes (high school classes are online)
- Minimum of 15 credits including English 2, Math 2 and Biology
- Minimum 2.5 GPA
- Good high school attendance
- Limited discipline issues

- Optional: Summer Advanced Manufacturing Camp - June

Other Components

- 24-hour Working Smart (Soft Skills)
- OSHA 10 Card
- 24-hour Resume Writing/Interview Workshops
- NCRC
- Industry Tours
- Required Work-based Learning to gain Industry Experience (WBL 112 in all programs, Spring of 2nd year)

Human Service Coordinator

Coastal Carolina Community College

Best Practice

Marianne Herring
Herringm@coastalcarolina.edu

Human Services Coordinator

- 20% of Salary - Perkins Funds
- Oversees various support services for CTE students- BOTH CE and CURRICULUM
- WIOA Programs: Adult, Dislocated Worker, Youth
- CTE Student career exploration and guidance, financial assistance with educational expenses (tuition, books, uniforms, tools, licensing fees)
- Monitors progress and provides resources to support retention and success

Human Services Coordinator

- Supervises State Child Care program that provides financial assistance for child care for CTE students
- Counseling sessions with students nearing graduation and seeking employment
- Works with agencies to coordinate support services that the college cannot provide (subsidies, food, rent, electricity, domestic violence, etc.)
- Advisor to CTE students for additional OE courses for certifications or employment enhancement

Perkins Consortium:

Craven Community College
Pamlico Community College

Perkins funding made a difference at our colleges by allowing us to:

- Expand and enhance programs such as:
  - Welding (equipment and faculty)
  - Automotive Services (equipment, software, and professional development for faculty)
  - Electronics Engineering (equipment and professional development)
  - Cosmetology and Esthetics (equipment, software, and professional development)
  - Manufacturing Composites (professional development)
  - Computer-Aided Drafting (equipment and professional development)
  - Computer Information Technology (professional development)
- Support collaborative efforts with Craven County Schools and the Perkins Consortium, i.e., Welding Program at West Craven High School, Cosmetology (CCC, SECC, BCC, and PCCC), and Nursing (CCC, SECC, and BCC).
  - Welding Technology Program at CCC and West Craven High School
  - Cosmetology/Esthetics Programs at CCC, BCC, and PCC
  - Nursing Programs at CCC and BCC
  - Human Service Technology at PCC
- Provided professional development for CTE faculty to include off-and on-site training, job shadowing, and "Back to Industry" opportunities

Our college's best practice using Perkins funds is:

- As a means of enhancing current programs by adding advanced equipment, software, capabilities, taking advantage of economies of scale whenever possible, and by providing professional development opportunities for faculty at all consortium colleges.
- As a means of helping to support new program development for the consortium colleges.
- As a means of enhancing our support of special populations at our consortium colleges.
- Support of collaborative efforts with the Craven County Schools, Middle and High Schools to include program awareness, articulation agreements, and the development and maintenance of CTE Career Pathways (CCC).

7. We Initiated, improved, expanded, and modernized quality career and technical education programs, including relevant technology by:

- Utilizing funding to expand and enhance programs.
- Maintaining strong relationships with Industry Partners.
- Maintaining strong relationships with Craven County Schools
- Piloted a new program: Computer-Aided Drafting
- Evaluating new programs in response to feedback received from business/industry partners (i.e Mechatronics, Industrial Systems Technology)
- Improved programs through implementation of industry recognized certifications (AWS, NATE, etc.)
- Enhanced/expanded program offerings through the addition of classes and what is taught in the classes as a result of industry partner feedback and real-world project results.
- Pursuing other grants and alternate funding sources for CTE programs.

DAVIDSON COUNTY COMMUNITY COLLGE
BEST PRACTICE

BUSINESS, ENGINEERING & TECHNOLOGY (BETS)

HYD 110:
- Hydraulic Trainer-replaced pilot operating valve
- Hydraulic Press -replaced o-rings, hoses, and pressure gauge

MNT 110:
- Drill Press - replaced and aligned belts, removed and replaced track
- Sandblasting Machine - rewired electrical switch and replaced motor bearing

MNT 240:
- Manual Lathe – retooled saddle and cross bolt
- Water Jet - replaced pneumatic valve and filters

ELC 117:
- Manual Lathe - electrical 3 phase switch readjusted
- CNC Machine - replaced tool control proxy sensor and replaced door switch

ELC 131:
- Manual Lathe - switch repaired and set screw replaced

APPLIED ENGINEERING TECHNOLOGY

ELC 111, ELC 131, and MNT 240: Haas EC300 Machine-rebuilt pallet changer
- Removed the pallet changers and totally rebuilt using mechanical, pneumatic, hydraulic, and electrical skills for the rebuild and re-install. Subsequently used PLC skills to program/test the machine. Troubleshot fault code using schematic/PLC controls to determine faulty proxy sensor, removed old switch and installed new one.
- The Haas EC300 is out of warranty and these repairs would have cost DCCC upwards of $20,000. The cost of materials needed for these repairs was minimal.

- The instructor's (position funded by the Perkins allocation) practical application of student learning outcomes acquired in the new Applied Engineering Technology program has benefited the students as well as the College.

MLT EXAM SIMULATOR

Wide variety of subject matter including blood bank, chemistry, hematology, immunology, laboratory operations, microbiology, bacteriology, mycology, parasitology, virology, and urinalysis.

Student Receives feedback on all 3,000 questions

The Exam Simulator delivers practice tests that follow the format and content of major laboratory certification exams, including the ASCP exam and AMT exam.

Student quote:

I just wanted to tell you how wonderful and helpful your exam simulator is. I took the ASCP MLS certification exam and passed the first time. Your exam simulator helped to prepare me for the exam. I also played the game mode when I was bored. Since you have the option to download the app on mobile devices, I downloaded it on my phone and Kindle. The subject mode helps to strengthen any weak areas. I would recommend it to anyone taking any of the certification exams. -Janice Ferguson

DURHAM TECH

Practices Using Perkins Funds

Expand Use of Technology

> Strategies used to expand technology usage:
  > Integrate technology in programs
  > Update equipment
  > Implement simulation activities

durhamtech.edu

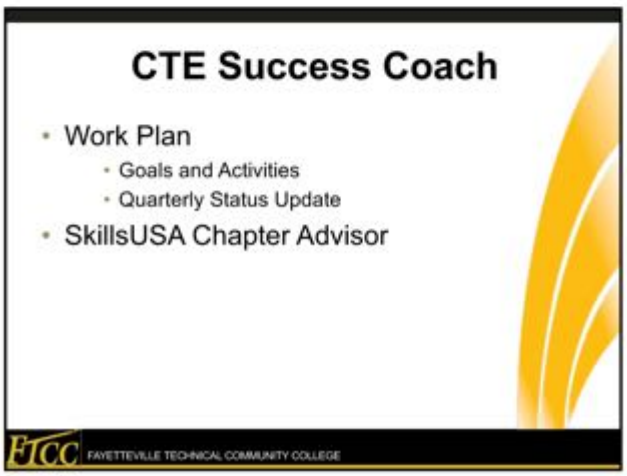
Provide Professional Development

> Opportunities to stay current in the field by learning:
  > New technologies and methodologies
  > Simulation usage
  > Faculty credentialing
  > Accreditation skills
  > Program improvement
  > Employment and profession trends
  > Learning opportunities for special populations

durhamtech.edu

Fayetteville Technical Community College
Best Practice:
CTE Success Coach
FTCC
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE

CTE Success Coach
Improve Performance Indicators
1P1 Technical Skill Attainment
2P1 Credential, Certificate or Degree
4P1 Student Placement
Intrusive Advising
Retention Initiatives
Academic Advising & Assistance Referrals
Career Readiness
Data Collection & Reporting
FTCC
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE


CTE Success Coach
Work Plan
Goals and Activities
Quarterly Status Update
SkillsUSA Chapter Advisor
FTCC
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE

Forsyth Tech
Perkins Regional Drive-In Meeting

Stokes Collision Repair CCP

- Provide CTE education for Stokes County students
- Success in job placement and academic classes

March 1, 2017

ForsythTech
Education For Life

Race Car Technology

- Purchased Innovative Electronic Fuel Injection equipment
- Required by sanctioning bodies
- Most current and emission friendly
- Students trained on state of the art equipment used by every professional race team

ForsythTech
Education For Life

ital Effects and Animation

- Previous Perkins funds purchased computer equipment
- Cintiq monitors

ForsythTech
Education For Life

Perkins Funded Activities

Gaston College
Opportunities For Life

Two highlighted activities:

- Career Portal Software
  - Section 8. Provide services and activities that are of sufficient size, scope, and quality to be effective.
- ADA Administrative Assistant
  - Section 9. Provide activities to prepare special populations, including single parents and displaced homemakers who are enrolled in career and technical education programs, for high skill, high wage, or high demand occupations that will lead to self-sufficiency.

www.gaston.edu

Career Portal Software

Gaston College
Opportunities For Life

GC Career Portal is designed to help users find good careers by providing the most current local data on wages, employment, job postings, and associated education and training.

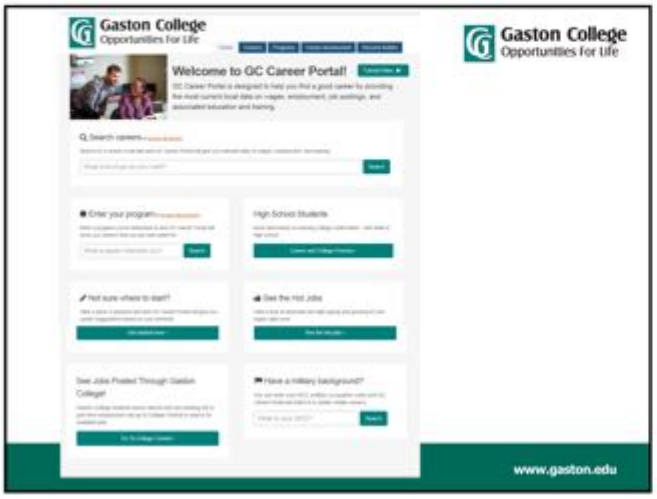
Summary of activities:

- Launched in mid-September 2016
- NC Works Career Coaches utilize the software when assisting students in identifying potential career options
- Demonstration of software for high school counselors and administrators at college sponsored Educator's Breakfast

Usage Data:

- 4,997 visitors since launch
- Top careers searched: Nursing, Paralegal, Human Services, and Criminal Justice
- Top programs viewed: Accounting, Business Administration, Medical Office Administration, and Computer Information Technology

www.gaston.edu



ADA Administrative Assistant

Gaston College
Opportunities For Life

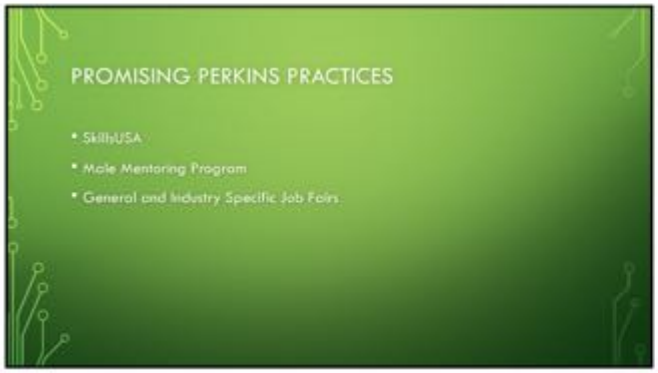
Position supports CTE students who are enrolled in courses at Gaston College as all e-Learning content is required to be ADA complaint in all learning modalities. Position also assists with the implementation of the 5-year plan to become compliant with the standards outlined in WCAG 2.0 Level AA by the end of year 5.

Summary of activities:

- Reviewed and written ADA Accessibility reports on 16 online courses in the Business and Health Divisions
- Transcribed video transcripts
- Presented to faculty in four sessions "Blackboard Through the Eyes of a Blind Student", barriers to learning using assistive technology
- Conducted screen reader testing using Math Editors for Engineering courses
- Testing websites for accessibility with screen readers using Mac Voice Over

www.gaston.edu

GUILFORD TECHNICAL
COMMUNITY COLLEGE


PROMISING PERKINS PRACTICES
• SkillsUSA
• Male Mentoring Program
• General and Industry Specific Job Fairs

RN Program PASSRATE **ALERT**

- HCC was informed that the nursing pass rates were below 95% of the national 3-year average and that we had to do something.
- Perkins provided us with a way to address this concern and turn our program around.
- We lost all instructors with the exception of one and were told it would take 2 years to begin to see any results.
- We hired 6 great instructors.
- We turned it around and here is how....

HURST Review Offered on Campus - 2016

- In the past, a review course was recommended to all graduates but for some, the cost and travel to a review site prohibited them from attending.
- It is now moving toward a requirement and we are making it more accessible.
- HURST specifically reviews the core content and helps develop the critical thinking and application skills that are necessary to prepare students to pass the NCLEX and begin to think like a nurse.

Making Review MANDATORY

- In 2015, HCC had a 68% percent pass rate on NCLEX and in 2016, after offering the HURST review, the pass rate increased to 85%.
- All 13 of the 2016 ADN graduates attended the HURST review, 11 passed NCLEX on the first attempt and the other 2 passed on their second attempt.
- The pass rates changed in one year instead of two.
- Faculty is being trained and receiving professional development with Perkins funds.

Addition: The Nurse Coach For Pass rate IMPROVEMENT

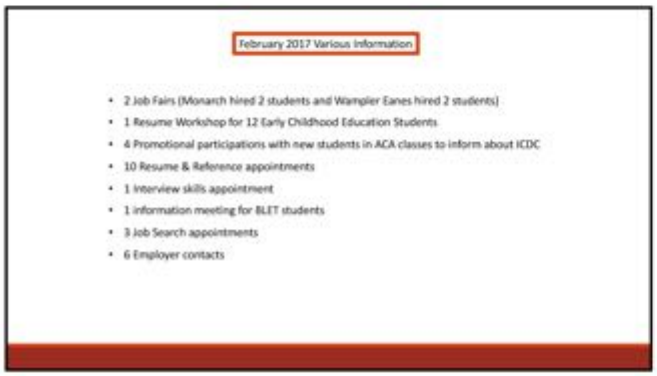
- The nurse coach was employed in October 2016 with Perkins funds. Her responsibilities include tutoring both PN and ADN students, helping develop study strategies and tracking students' academic success.
- Our coach spends a large amount of time remediating test content with students that failed unit tests.
- She has helped to increase the students' test taking strategies and confidence in their ability to complete the semester successfully.
- She serves as a mentor to nursing students.

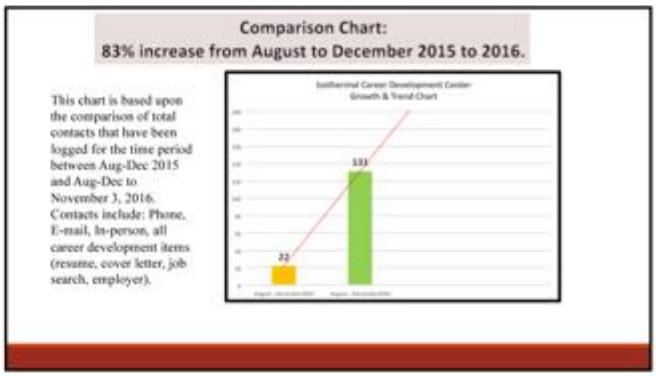
Conclusion

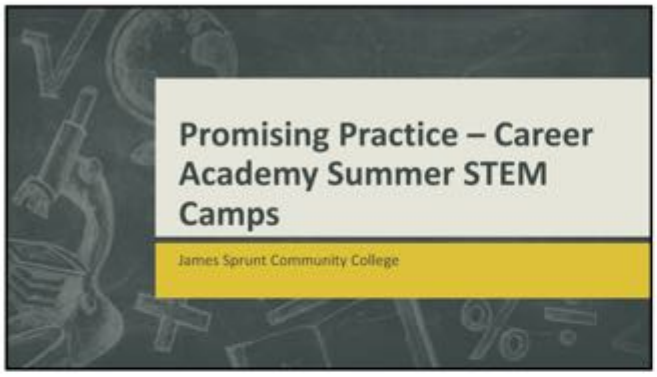
- Perkins played a huge role in helping us to turn our nursing program around.
- The results thus far tell us that we are on the right track.
- Without Perkins, we would not have been able to hire the coach nor would we have been able to make the Hurst Review accessible to all of our students.
- With Perkins, we now have some good results. *Thanks, Perkins!*

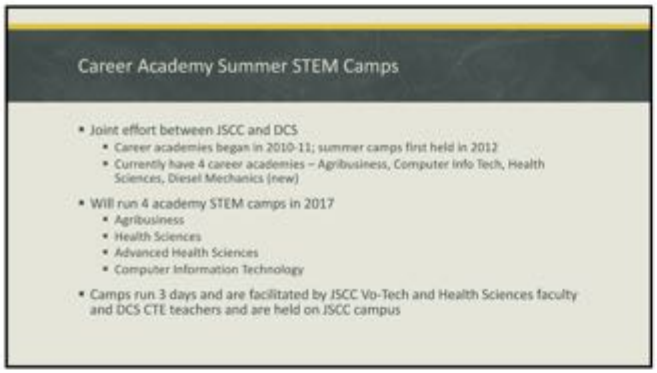
CREATING SUCCESS FOR THE JOB MARKET
ISOTHERMAL CAREER DEVELOPMENT CENTER
Business Sciences, Room 117/120
- Build dynamic resume materials
- Conduct job searches
- Refresh interview skills
Contact Mrs. Tronna Adair
at 828-395-1652
or tadair@isothermal.edu
ISOTHERMAL

The Before and After Changes and Improvements to The Isothermal Career Development Center.
Before!
After!


February 2017 Various Information
2 Job Fairs (Monarch hired 2 students and Wampler Eanes hired 2 students)
1 Resume Workshop for 12 Early Childhood Education Students
4 Promotional participations with new students in ACA classes to inform about ICDC
10 Resume & Reference appointments
1 Interview skills appointment
1 information meeting for BLET students
3 Job Search appointments
6 Employer contacts


Comparison Chart:
83% increase from August to December 2015 to 2016.
This chart is based upon the comparison of total contacts that have been logged for the time period between Aug-Dec 2015 and Aug-Dec to November 3, 2016. Contacts include: Phone, E-mail, In-person, all career development items (resume, cover letter, job search, employer).
Isothermal Career Development Center
Growth & Trend Chart
22
133


Promising Practice – Career Academy Summer STEM Camps
James Sprunt Community College


Career Academy Summer STEM Camps
Joint effort between JSCC and DCS
Career academies began in 2010-11; summer camps first held in 2012
Currently have 4 career academies – Agribusiness, Computer Info Tech, Health Sciences, Diesel Mechanics (new)
Will run 4 academy STEM camps in 2017
Agribusiness
Health Sciences
Advanced Health Sciences
Computer Information Technology
Camps run 3 days and are facilitated by JSCC Vo-Tech and Health Sciences faculty and DCS CTE teachers and are held on JSCC campus

Sample Camp Schedule – 2017 Agribusiness
Day 1 – 8am-1pm
Check-in and registration
Plant parts and germination
Seed necklace
Plant dissection
Cutting and grafting
Plant ID
Day 2 – Field trip
UMO Campus tour
Simple Natural Creamery tour
Day 3 – 8am-1pm
Forestry Service guest speaker
Biltmore stick (make and use)
A-frame (make and use)
Tree ID
Closing ceremony and reception

PERKINS UPDATE

LENOIR COMMUNITY COLLEGE

FEBRUARY 28, 2017

BUSINESS, INDUSTRY, and EMERGING TECHNOLOGIES

Something Old… Old lathes in the Computer-Integrated Machining lab

Something New! New lathes funded with Perkins grant

BEST PRACTICES

The Computer-Integrated Machining Advisory Committee consists of regional industry employers. The committee and the Program Chair collaborated on a review of the program of study and made some suggestions to include new courses that will give students experiences with materials and processes standard to current industry practices. Suggestions also included updated machines to match the equipment used in industry facilities.

- 7 NEW LATHES PURCHASED
- NEW COURSES ADDED TO COMPUTER-INTEGRATED MACHINING AT LENOIR COMMUNITY COLLEGE:
  - MAC 241 Jigs & Fixtures I
  - MEC 145 Mfg Materials I

LENOIR COMMUNITY COLLEGE PARTNERSHIP WITH GREENE COUNTY SCHOOLS

Our Career and College Promise Pathway allows high school students to complete either a diploma or certificates in Computer-Integrated Machining. An LCC instructor is dedicated for a half day on the Greene County campus to teach those courses face-to-face.

The LCC Program Chair collaborated with Greene County Schools to set up a Computer-Integrated Machining shop using a Golden Leaf grant.

We promoted the kick-off of the program with a parent information night to talk about the field of machining, the curriculum, and employment opportunities.

PLANS FOR THE FUTURE

LCC would like to initiate a DACUM- Developing a Curriculum event to invite industry professionals to review other LCC programs in order to make sure our programs are meeting industry needs. This was last done at LCC about 15 years ago.

- ✓Identify tasks and duties performed on the job
- ✓Develop a checklist of tasks corresponding to duties
- ✓Identify new or updated equipment needs
- ✓Create a portfolio of accomplished tasks for each student

PERKINS UPDATE
MAYLAND
Required Use of Funds
5. Provide Professional Development
Completed AWS certified welding instructor training for all welding instructors.
7. Initiate, improve, and expand CTE programs
Created new MOUs with each LEA.
Streamlined CTE pathways with high schools so that students could earn credentials in one year .
9. Provide Activities to prepare special populations
Hired non-traditional full time faculty members in welding and nursing.

Mitchell Community College

Perkins Update

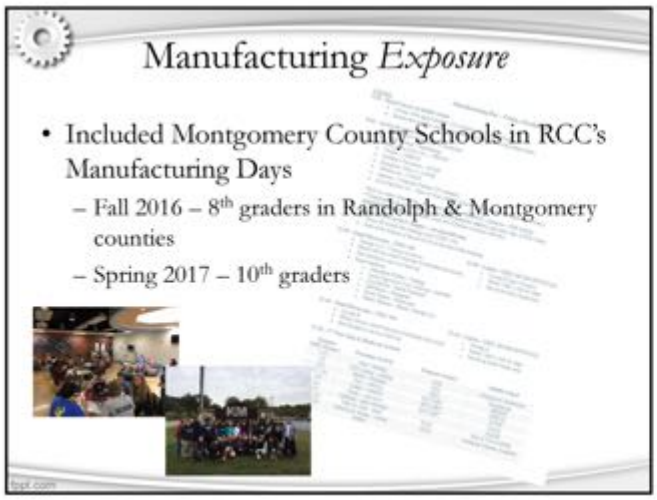
- Perkins Funds Have Been Used for:
- Development of New Programs.
  - Agribusiness Program-purchase of equipment
  - Esthetics Program-purchase of equipment
  - Culinary-purchase of equipment
- Associate Degree Nursing and New Technologies in Simulation
  - touchscreens in simulation patient monitoring
  - barcode scanners for medications

Perkins Update

- Fire Protection
  - Purchase of Fire Command Simulator
- Emergency Medical Science
  - Purchase of simulation equipment and trainers for hands-on training

MONTGOMERY
COMMUNITY COLLEGE
RANDOLPH
Randolph/Montgomery
Manufacturing a Consortium

Manufacturing Pathways
• Exploring opportunities for a 1+1 in Computer-Integrated Machining
MONTGOMERY
COMMUNITY COLLEGE
RANDOLPH


Manufacturing Exposure
• Included Montgomery County Schools in RCC's Manufacturing Days
– Fall 2016 – 8th graders in Randolph & Montgomery counties
– Spring 2017 – 10th graders

Manufacturing Apprentices
• Utilized Montgomery's knowledge and success with apprenticeships to jumpstart creation of Apprenticeship Randolph
– Industrial Systems
Apprenticeship Montgomery
– Manufacturing Technology
APPRENTICESHIP
RANDOLPH

Nash Community College

Promising Practice: Engineering Week

NCC Engineering Week held in cooperation with the Nash Rocky Mount Public Schools:

- A one week fun but challenging hands on crash course of Engineering Programs, held each June at the end of the Public School academic year on the Nash Community College campus.

Related industry speakers in each session and a plant tour.

- The following is a schedule of sessions covered:

- Monday - Wednesday
- Industry Tour
- Industrial Systems Technology
- Electrical Systems Technology
- Welding Technology
- Architectural Technology

- Wednesday - Friday
- Electrical Lineman Technology
- Computer Engineering Technology
- Computer-Integrated Machining Technology
- Electrical Engineering Technology
- Industry Tour

A great partnering formula that raises awareness of all involved: industry, the College, and local school system.

NCC Engineering Week Video

- https://www.nashcc.edu/campus-life/community-events/engineering-week

Perkins Consortium:

Craven Community College
Pamlico Community College

Perkins funding made a difference at our colleges by allowing us to:

- Expand and enhance programs such as:
  - Welding (equipment and faculty)
  - Automotive Services (equipment, software, and professional development for faculty)
  - Electronics Engineering (equipment and professional development)
  - Cosmetology and Esthetics (equipment, software, and professional development)
  - Manufacturing Composites (professional development)
  - Computer-Aided Drafting (equipment and professional development)
  - Computer Information Technology (professional development)
- Support collaborative efforts with Craven County Schools and the Perkins Consortium, i.e., Welding Program at West Craven High School, Cosmetology (CCC, SECC, BCC, and PCCC), and Nursing (CCC, SECC, and BCC).
  - Welding Technology Program at CCC and West Craven High School
  - Cosmetology/Esthetics Programs at CCC, BCC, and PCC
  - Nursing Programs at CCC and BCC
  - Human Service Technology at PCC
- Provided professional development for CTE faculty to include off-and on-site training, job shadowing, and "Back to Industry" opportunities

Our college's best practice using Perkins funds is:

- As a means of enhancing current programs by adding advanced equipment, software, capabilities, taking advantage of economies of scale whenever possible, and by providing professional development opportunities for faculty at all consortium colleges.
- As a means of helping to support new program development for the consortium colleges.
- As a means of enhancing our support of special populations at our consortium colleges.
- Support of collaborative efforts with the Craven County Schools, Middle and High Schools to include program awareness, articulation agreements, and the development and maintenance of CTE Career Pathways (CCC).

7. We Initiated, improved, expanded, and modernized quality career and technical education programs, including relevant technology by:

- Utilizing funding to expand and enhance programs.
- Maintaining strong relationships with Industry Partners.
- Maintaining strong relationships with Craven County Schools
- Piloted a new program: Computer-Aided Drafting
- Evaluating new programs in response to feedback received from business/industry partners (i.e Mechatronics, Industrial Systems Technology)
- Improved programs through implementation of industry recognized certifications (AWS, NATE, etc.)
- Enhanced/expanded program offerings through the addition of classes and what is taught in the classes as a result of industry partner feedback and real-world project results.
- Pursuing other grants and alternate funding sources for CTE programs.

PIEDMONT COMMUNITY COLLEGE

PROMISING PRACTICES

COLLABORATIVE PARTNERSHIP BETWEEN PIEDMONT COMMUNITY COLLEGE AND PERSON COUNTY SCHOOLS

- Monthly meetings between President of Piedmont Community College (includes Chief Academic Officer, CTE faculty and staff, and Student Development Dean) and Superintendent of Person County Schools (includes Chief Academic Officer, CTE Coordinator, and high school principal and counselors)
- Meetings focus on pathway needs for CTE programs, developing CTE pathways for certain programs, and reviewing Program Education Plans (PEPs) for optimal course sequencing
- Collaboration has proven to be productive and empirical data confirms that it has resulted in stronger academic and technical skills of high school students participating in CTE programs

RECIPIENT OF DUKE ENERGY GRANT TO FUND MECHATRONICS ENGINEERING TECHNOLOGY EQUIPMENT

- Duke Energy Grant provided Piedmont Community College with the opportunity to purchase much-needed equipment for its new Mechatronics Engineering Technology Program
- A portion of the funds from the grant used to support Mechatronics Engineering certification programs offered in Continuing Education (also stackable credentials)
- New equipment and degree have resulted in unexpected partnerships with local industries

CTE
Learning that works for North Carolina
PITT Community College
2016-2017
Perkins Update

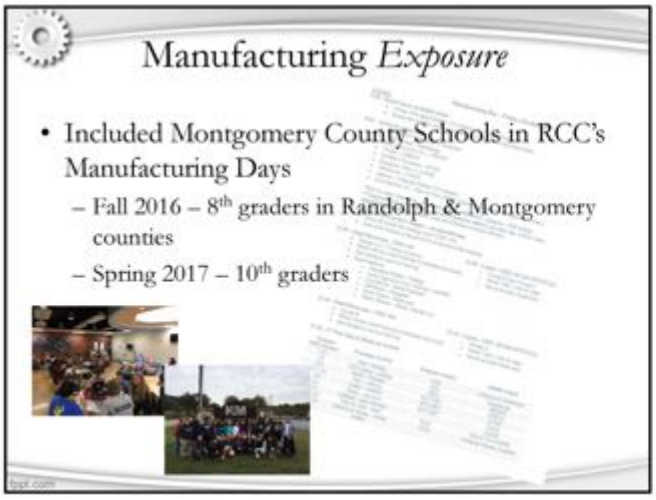
Construction and Industrial Technology
CIT Recruitment and Signing Day
PITT

Health Sciences
New CTE Program of Study, FA 2016
Emergency Medical Science, A.A.S. Degree

Biotechnology
Equipment Modernization
Dissolution Testers

MONTGOMERY
COMMUNITY COLLEGE
Randolph/Montgomery
Manufacturing a Consortium

Manufacturing Pathways
• Exploring opportunities for a 1+1 in Computer-Integrated Machining
MONTGOMERY
COMMUNITY COLLEGE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– Industrial Systems
Apprenticeship Montgomery
– Manufacturing Technology
APPRENTICESHIP
RANDOLPH

Richmond Community College's Use of 2016-17 Perkins Funds

100% used for **faculty compensation** in two high demand technical fields:

- **Electrical Utility Substation and Relay Technology**
- **Computerized Integrated Machining**

Electrical Utility Substation Relay Instructor

Machining Instructor

U.S. Bureau of Labor Statistics Wage Estimates for Machinists (2015)

Percentile	10%	25%	50%	75%	90%
Hourly Wage	$ 12.13	$ 15.38	$ 19.49	$ 24.40	$ 29.47
Annual Wage	$ 25,230	$ 31,990	$ 40,550	$ 50,750	$ 61,290

Roanoke-Chowan Community College

Welcomes our New KUKA Robotic Arm!

- Expanded CTE Programs by adding the following pathways for high school students:

Industrial Systems Technology (Automation)	HVAC – Heat Pump Pathway
Industrial Systems Technology (Electrical)	HVAC – HVAC-R Pathway
Industrial Systems Technology (Mechanical)	Mechatronics Program – Pending Approval

- Career Coach and program advisors recruit, counsel, and advise students (pathways and career opportunities).
- Teach classes at the high schools.
- Engage students in tours of local companies.

We provide students with strong experience in, and understanding of all aspects of an industry by:

- We provide a work-based learning opportunities for student who are enrolled in the Advanced Manufacturing programs.
- Instructors and students engage in trainings and tours offered by local industry retail suppliers.

EMS/NURSING TRAUMA RODEO

ROBESON COMMUNITY COLLEGE

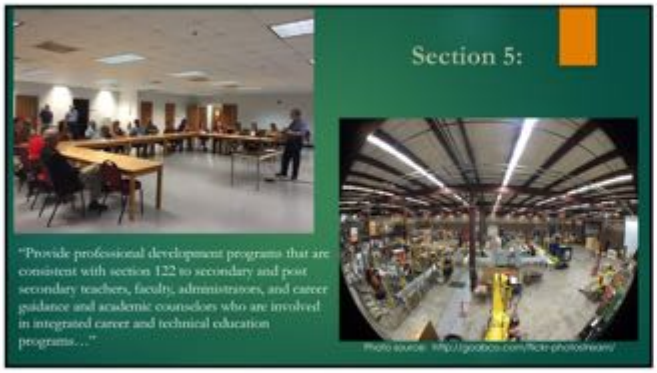
PURPOSE: TO EXPOSE STUDENTS TO VARIOUS TRAUMATIC ACCIDENTS THEY MAY EXPERIENCE IN THE FIELD.

ROBESON COMMUNITY COLLEGE

EMS & NURSING STUDENTS, ALONG WITH PROFESSIONALS FROM LOCAL HEALTH CARE AGENCIES, PARTICIPATE IN REAL-WORLD SIMULATIONS.

ROBESON COMMUNITY COLLEGE

ROCKINGHAM
COMMUNITY COLLEGE
TASTE OF INDUSTRY
TOUR

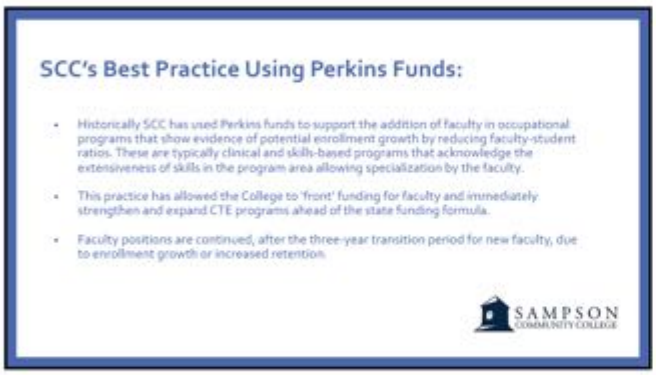

Section 5:
"Provide professional development programs that are consistent with section 122 to secondary and post secondary teachers, faculty, administrators, and career guidance and academic counselors who are involved in integrated career and technical education programs…"

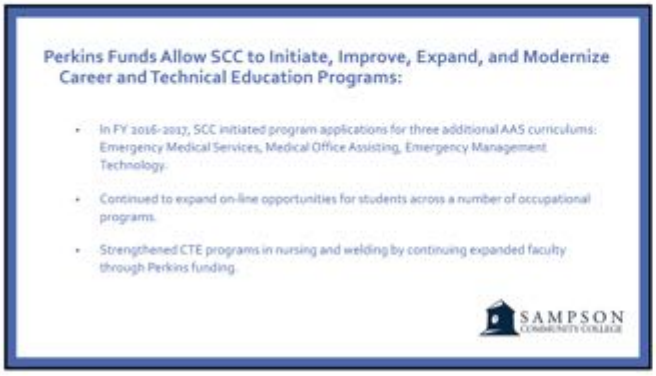
Taste of Industry

The Welding Experience Day

The Technology Experience Day

Perkins Funding at Sampson Community College:
Perkins funds provide funding that allows for program expansion and specialization of faculty. These funds were used to expand nursing and welding faculty, both important programs for the College's service area.
The College has seen enrollment growth in on-line transition options in nursing and growing demand from CCP students in welding.
Historically Perkins funds have provided a source of funding to expand CTE offerings and upgrade equipment for programs which often fail to generate adequate funding under the NCCCS funding formula.
Perkins funds is an important addition to the state formula funding. These funds are often the only means through which faculty can be added to CTE programs that are unable to generate enough formula funding to sustain themselves or provide support for high cost training equipment.
SAMPSON
COMMUNITY COLLEGE


SCC's Best Practice Using Perkins Funds:
Historically SCC has used Perkins funds to support the addition of faculty in occupational programs that show evidence of potential enrollment growth by reducing faculty-student ratios. These are typically clinical and skills-based programs that acknowledge the extensiveness of skills in the program area allowing specialization by the faculty.
This practice has allowed the College to 'front' funding for faculty and immediately strengthen and expand CTE programs ahead of the state funding formula.
Faculty positions are continued, after the three-year transition period for new faculty, due to enrollment growth or increased retention.
SAMPSON
COMMUNITY COLLEGE


Perkins Funds Allow SCC to Initiate, Improve, Expand, and Modernize Career and Technical Education Programs:
In FY 2016-2017, SCC initiated program applications for three additional AAS curriculums: Emergency Medical Services, Medical Office Assisting, Emergency Management Technology.
Continued to expand on-line opportunities for students across a number of occupational programs.
Strengthened CTE programs in nursing and welding by continuing expanded faculty through Perkins funding.
SAMPSON
COMMUNITY COLLEGE

South Piedmont Community College

Required Perkins Activities #7 and #2

SPCC: Adobe Creative Cloud Software

(Advertising & Graphic Design,
Information Technology- Web Administration & Design, and
Local High School CCP CTE Pathway in Advertising & Graphic Design)

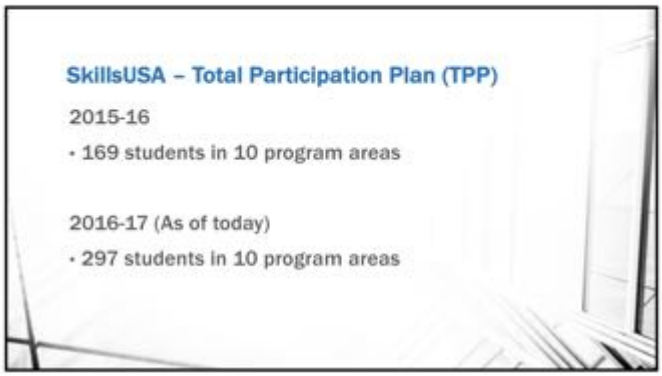
- At our Monroe Campus, the Mac Lab is used during the day for curriculum CTE programs and during the evening hours for Continuing Education and Professional Development.
- With Adobe Creative Cloud Software, students are learning to create iPad & Android apps, desktop apps and animation, interactive eBooks that are published to iBooks and Amazon, interactive PDFs, and publishing their own interactive eMagazines.
- Access to Adobe Creative Cloud allows for access to Adobe Muse which allows students to create their on websites.
- CCP students are being bused to campus and 10 high school students will complete the CTE pathway in Advertising and Graphic Design after Spring 2017 semester.
- The most exciting new software in the Adobe Creative Cloud is Adobe XD (Experience Design)! Students are learning how to create a working prototype for an iPad app. There is a whole new field called Interactive Media Design. People who create prototypes for digital media are in high demand. This software came out this past summer and our students are most definitely gaining cutting-edge skills!

SPCC Students using Adobe Creative Software

Thank you Perkins for Adobe Creative Software!

Southeastern
Community College
Perkins Update
Promising Practices
February 28, 2017

Certified Healthcare Simulation Educator
The Society for Simulation in Healthcare (SSH) recognized nearly 300 newly certified professionals in January at the International Meeting for Simulation in Healthcare.
In all, more than 700 individuals in 19 countries have successfully passed the CHSE examination.
The CHSE is supported by the Association of Standardized Patient Educators (ASPE) and the International Nursing Association for Clinical Simulation and Learning (INACSL).
Last year, guidelines from the National Council of State Boards of Nursing (NCSBN) emphasized the use of simulation in nursing training, and recommend certification to demonstrate that the lead faculty and simulation lab personnel are qualified.


SkillsUSA – Total Participation Plan (TPP)
2015-16
• 169 students in 10 program areas
2016-17 (As of today)
• 297 students in 10 program areas

Southwestern Community College

Required use:

Provide activities to prepare special populations, including single parents and displaced homemakers, who are enrolled in career and technical education programs for high-skill, high-wage, or high-demand occupations that will lead to self-sufficiency

Promising Practice:

Academic support activities such as tutoring for Career Technical Educational students

Promising Practice: Academic Support

- Providing tutoring for Career and Technical Education majors. This practice enabled us to provide 127 tutoring arrangements to serve 98 CTE students during 2015-16.
- Tutoring is provided in a range of general education and technical subjects including math, English, Science, accounting, information technology, and nursing.
- Our semester-to-semester retention rate averages 80% for students in the tutoring program, which is significantly higher than the overall college retention rate of 65%.

Tips for successful implementation

- Tutoring champion to coordinate efforts
- Peer tutors and/or recent graduates relate well to students
- Faculty engagement to refer students and consult with tutors
- Flexibility to meet changing needs of students
- Treat tutors as part of a student success team
- Detailed record-keeping

STANLY COMMUNITY COLLEGE

Promising Practices with Perkins
March 1, 2017

- SCC is using Perkins funds to modernize and expand equipment in programs experiencing growth and change
  - Air Conditioning, Heating, and Refrigeration
  - Collision Repair & Refinishing Technology
  - Biomedical Equipment Technology
  - Computer Integrated Machining
  - Welding Technology
  - Heavy Equipment Operations

SECTION 7: MODERNIZE QUALITY CTE EDUCATION PROGRAMS, INCLUDING RELEVANT TECHNOLOGY

OUR WISHLIST

- In addition to modernizing and expanding the training capabilities of these programs, we hope this new equipment will result in the following:
  - Professional development for faculty on this new equipment and its integration into their program (section 4)
  - Increased participation in industry related competitions like SkillsUSA (section 3)
  - Better program alignment with the skills needed by local industry (related to section 1)

ADDITIONAL BENEFITS

TCCC Promising Practices

Perkins Meeting March 1, 2017
2016-2017 Academic Year

9-14 Pathway Alignment
Core Indicators: 1P1; 2P1; 3P1; 4P1; 5P1; 5P2

- Plan and facilitate 3 collaborative meetings per year with HS CTE Directors and Guidance Counselors, in the 3 Districts within our service area, to develop and update selected 9-14 Pathways for our major CTE programs.
- Align 3 additional Career Pathways this academic year. (Allied Health Sciences: Nursing, Medical Assisting and PTA)
- Participate on local Workforce Development Boards to gain updates from the Business and Industry Partners.
- Represent TCCC on the Regional NCWORKS Certified Pathways project for Western North Carolina. (Manufacturing: Computer Integrated Machining)

Develop, Improve or Expand the use of Technology in CTE Programs:
Core Indicators: 1P1; 2P1; 3P1; 4P1; 5P1; 5P2

- Purchased Diagnostic Table for Automotive Technology Program - Training tool for students to learn how to understand various diagnostics used in foreign and domestic vehicles' engine controls and subsystems for today's technologically advanced automotive systems.
- Purchased 3-D Printer for Computer Integrated Machining Program - Students will gain industry-level experience to be prepared for entry-level positions that meet industry standards upon graduation.
- 2 CTE Faculty will attend the High Tech Conference in Salt Lake City Utah (funded by NSF grant Funds - focus on Non-traditional students in Tech. Programs)

Special Populations:
Core Indicators: 1P1; 2P1; 3P1; 5P1

Laptop Computers

Purchased 4 laptop computers that will be used to accommodate students with special needs. These computers will be loaned out to student's, as requested, loaded with software to aid the student's academic progress. (i.e., Screen Magnifiers, Zoom Text, JAWS Software, etc...)

Learning ALLY

Obtained institutional level subscription to Learning Ally, an online resource for audio textbooks. Logins may be given to students with low-reading levels, learning disabilities, former DCS students, ESL students, VI students, or others who are struggling to keep up with the course content.

CTE Faculty PD

PD planned to assist CTE Faculty with identifying students with various special pops issues, and providing classroom strategies for best practices in implementing academic adjustments in the teaching and learning process.

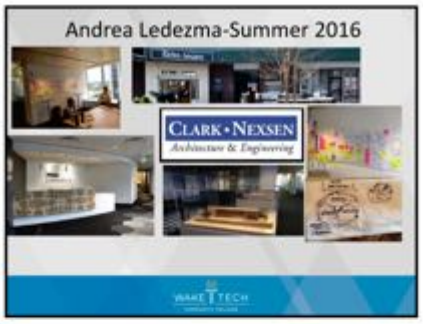
CTE @ TCCC! ☺

Learning that works for North Carolina
CTE™

Vance-Granville Community College

WAKE TECH
Lead the way.

Return to Industry: Perkins Promising Practices (P3)


Andrea Ledezma-Summer 2016
CLARK • NEXSEN
Architecture & Engineering

"Overall, I thought my time spent in each office as unique and exposed me to an aspect of the industry that our graduates would be eligible to work.
From each office I was introduced to new software and it's uses; as well as ideas for new project development within the curriculum."

Introduce Students to Competition Opportunities

Innovation

Curriculum Addition

Mentorships and Internships
"It also created a pathway for opportunities for internships and mentorships for the students here."
CLARK • NEXSEN
Architecture & Engineering

Take Away
• Help your faculty establish contacts in industry.
• Create a template for a Return to Industry Report so that faculty know expectations.
• Make sure faculty go into the experience with a lesson plan framework in mind.

Wayne Community College Best Practice

"Industry Ignites Instruction" - bringing secondary counselors and CTE faculty to WCC's campus for hands-on instructional training in partnership with Wayne County Public Schools and the Economic Development Alliance

Meets Required Use #2 – Link career and technical education at the secondary and post-secondary level

"Just wanted to say 'thank you' for the wonderful learning opportunity WCC provided yesterday. I have heard from several of the teachers and counselors that were present yesterday, and everyone had such positive things to say. Some of them were amazed at all the opportunities available to our students that they never knew about. It really was a great day!!!

Thank you so much for hosting this event and giving our teachers and counselors this opportunity!!! We are excited and looking forward to the industry tours on April 28."

-Wayne County Public School Lead Teacher

Of the 17 participants there were:

- 8 full-time high school CTE teachers
- 2 part-time high school CTE teachers
- 3 high school counselors
- 3 Career Development Coordinators
- 1 CTE staff member

This Year, WCC Is Using Perkins Funds To:

- Purchase state-of-practice equipment for four different CTE programs
- Pay 100% of a Mechatronics instructor position (new program as of 2016)
- Provide 51% of the salary/benefits for WCC's Disability Counselor
- Provide funding for supportive personnel such as signers and note-takers for students with disabilities

WESTERN PIEDMONT COMMUNITY COLLEGE

PERKINS PROMISING PRACTICES

Perkins Regional Meeting - CVCC

March 1, 2017

www.wpcc.edu

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HIGH SCHOOL DEMAND=NEW WELDING CCP

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High School Demand=NEW WELDING CCP

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HIGH SCHOOL DEMAND=NEW WELDING CCP

Wilson Community College: Promising Perkins Practice

Perkins Update Meeting
February 28, 2017

A Career & College Showcase event for K12 students to learn about high school to college to career pathways.

- Connects high school students to career and college pathways
  - CCP Pathways
  - A.A.S. Programs
- Establishes relationships between faculty and K12 CTE teachers

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