

NEW JERSEY
CTE Institute

May 20, 2014
The College of New Jersey



*Sponsored by the New Jersey Department of Education
Office of Career and Technical Education*



State of New Jersey

DEPARTMENT OF EDUCATION

PO Box 500

TRENTON, NJ 08625-0500

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

DAVID C. HESPE
Acting Commissioner

May 20, 2014

Dear Institute Attendees:

Welcome to New Jersey's Career & Technical Education Institute, sponsored by the New Jersey Department of Education, Office of Career and Technical Education.

This institute is designed to immerse participants in topics that are key to ensuring that CTE programs are connecting to workforce needs and preparing students to be college and career ready. Sessions will provide opportunities for "deeper dives" in areas that are central to improving student outcomes. Implementing project-based learning, utilizing data effectively and integrating literacy are examples of strategies that positively impact on rigorous CTE programs.

In order to prepare our secondary and postsecondary students for 21st century careers, it is imperative that we also understand New Jersey's key industries. This institute will provide multiple venues to learn about opportunities and the needs of employers in industries such as advanced manufacturing; finance; health care; life science; retail, hospitality & tourism; technology & entrepreneurship; and transportation, distribution & logistics. We are appreciative of the efforts of the Talent Networks to provide us with this cutting-edge information.

Special full-day sessions during this institute will enhance instructional strategies and tools for educators in personal financial literacy, student growth objectives and cosmetology. Additionally, we are pleased to be able to facilitate meaningful discussions with and provide information to our colleges in order to deepen understanding of Perkins requirements and align CTE programs to their overall mission.

We truly appreciate the dedication and passion of our presenters and facilitators who have contributed greatly to this event. It is through collaboration with partners in secondary and postsecondary education; business, industry and labor; and workforce development that CTE delivers programs of excellence that prepare students to meet the demands of this global economy. Your participation here is a testament of your commitment to elevate the quality of CTE programs and student experiences to yield success on multiple levels.

Enjoy the day and thank you for participating!

A handwritten signature in cursive script that reads "Marie Barry".

Marie Barry, Director
Office of Career and Technical Education

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ACKNOWLEDGMENTS

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FULL-DAY SESSIONS (8:45 a.m. - 3:15 p.m.)

WORKSHOP DESCRIPTIONS

Cosmetology Critical Updates for Instructors, Supervisors and Administrators

Presenters: *Jay Malanga, Executive Director, NJ State Board of Cosmetology and Hairstyling*
Janice Alvarez, Chairperson, NJ State Board of Cosmetology and Hairstyling
Fran Tomeo, Vice Chairperson, NJ State Board of Cosmetology and Hairstyling
Santo Trapani, School Director, Empire Beauty Schools

This full-day workshop will cover a wealth of necessary information and updates relating to Career and Technical Education (CTE) programs in cosmetology. Attendees will receive updated information on applications, permits, prohibited practices, new practical licensure requirements and procedures, as well as the new beautician and barbering license curriculum. The workshop will also include mannequin display and demonstration, shaving demonstration with a live model, manicure and skin care practical overview, and rules/regulations. Participants will explore the NJ Division of Consumer Affairs website and also receive instructional tips to pique students' interest. Come discover important facts of safe practices and assure that every student receives the correct and most "up-to-date" information on topics not found in any standard cosmetology textbook.

Personal Finance Boot Camp

Presenter: *Barbara O'Neill, Ph.D., CFP®, CRPC®, AFC, CHC, CFEd, CFCS, Rutgers Cooperative Extension, Rutgers University*

Based on the Hard Core Financial Education Boot Camp program developed by Rutgers Cooperative Extension in 2012, this all-day program will provide a rigorous financial education training experience. Subject matter content presentations will be interspersed with hands-on learning activities. The program will focus on three key topics: credit and debt, investing, and insurance.

Postsecondary Perkins and CTE: Back to Basics

Presenters: *Robyn Kay, Manager, Office of CTE, NJDOE*
Sharon Fleming, Education Program Development Specialist, Office of CTE, NJDOE
Shinlan Liu, Planning Associate, Office of CTE, NJDOE

This full-day workshop is specifically designed for teams from county colleges to provide a comprehensive overview on interrelated issues with Perkins grants. It is recommended that colleges bring a team that includes grant officers, grant accountants, CTE department chairpersons, deans and faculty who are involved with Perkins-eligible CTE programs. Topics to be highlighted during the day include the overall intent of Perkins legislation, discussion of performance measures, quality CTE programs of study (involving secondary and postsecondary partnerships), non-traditional careers for students, postsecondary Perkins monitoring and audits, and documentation needed to complete and submit Perkins final reports. The goal of this workshop is to allow attendees to leave with greater depth of knowledge and understanding of the Perkins legislation as well as other applicable federal and state regulations to assist in planning and implementation of CTE programs at the county colleges.

Student Growth Objectives (SGO 2.0) for Career and Technical Education

Presenters: *Anthony Fitzpatrick, Implementation Manager, Office of Evaluation, NJDOE*
Sean McDonald, Manager, Office of CTE, NJDOE

The morning portion of this workshop will focus on continued understanding and development of Student Growth Objectives with an interactive presentation for teachers and administrators. Facilitator and participant collaboration will be essential to establish an understanding of collective progress towards developing quality SGOs. The afternoon session will be a deeper dive into CTE-specific SGO examples. Participants will critique example SGOs collected from a variety of district CTE programs from their first-year implementation efforts, share their own examples and collectively explore the issues and potential solutions regarding the essential elements of quality CTE SGOs.

AM SESSIONS (8:45 a.m. - 11:15 a.m.)

WORKSHOP DESCRIPTIONS

Career Opportunities in Transportation, Logistics and Distribution (TLD): So Much More Than Driving a Truck!

Presenters: *Gregory D. Skelley, Director - Transportation, Logistics, and Distribution Talent Network,
John J. Heldrich Center for Workforce Development, Rutgers, The State University of New Jersey*

Employers are looking for well trained employees who demonstrate the technical, business, and people skills needed to work well in teams and be effective while working independently. A wide range of companies in a wide range of industries hire TLD employees: from transportation, logistics, and distribution companies to retail and manufacturing companies. Topics will include career opportunities, career pathways, licenses, stackable credentials, and the people skills and soft skills needed to compete and pursue a career in this sector.

Community-Based Instruction and Transition for Students with Disabilities

Presenters: *Daniel J. Baker, Ph.D.; NADD-CC, Associate Professor of Pediatrics, The Boggs Center on Developmental Disabilities, Rutgers Robert Wood Johnson Medical School
Kathleen Kirby, Supervisor of Special Education, South Brunswick School District*

Community-Based Instruction (CBI) is an evidence-based practice useful for students with disabilities and can be of particular importance in transition education. This interactive workshop will review the different types of community-based instruction and will share promising practices. The workshop will also describe South Brunswick School District's journey in learning about the needs and challenges of preparing students with disabilities as they transition. A particular focus will be on students with Autism Spectrum Disorders.

Developing School/District Safety and Health Plans: New Jersey Safe Schools Program

Presenter: *Derek G. Shendell, D.Env, MPH, Project Director, NJ Safe Schools Program,
Rutgers School of Public Health*

As directed by N.J.A.C. 6A:19-6, the New Jersey Department of Education (NJDOE) requires all schools with Career and Technical Education (CTE) programs in hazardous occupations to have a written occupational Safety and Health (S & H) plan. This workshop will guide participants through the steps involved in developing a new plan or revising a school's current plan. The following will be covered: applicable federal and state regulations, plan organization, general policy statements, plan objectives, role of responsible parties, how to use the Safe Schools Manual for conducting hazard analysis, and a critique of a sample S & H plan using a NJDOE audit sheet for evaluation. This workshop is recommended for a school's S & H designee, administrators or others responsible for developing or revising a school or district's occupational S & H plan.

Equitable Instructional Strategies for Special Populations

Presenters: *Career Equity Resource Center, Rutgers University
Teresa M. Boyer, EdD, Professor and Executive Director
Glenda Gracia-Rivera, MPA, Associate Director*

Are you looking to increase access and equity in your classroom/school environment for students in Special Populations? Join the staff of the Career Equity Resource Center (CERC) at Rutgers University as we lead you through an in-depth discussion addressing the issues of equitable teacher-student interactions, classroom climate, and curriculum, among others, to increase retention and success of underrepresented groups. This session will include facilitated group-work on building instructional practices, with the assistance of cohort schools participating in CERC's Regional Equity and Access Development Initiative (READI).

AM SESSIONS (8:45 a.m. - 11:15 a.m.)

WORKSHOP DESCRIPTIONS

Implementing Personalized Student Learning Plans (PSLP) using the New Jersey Career Assistance Navigator (NJCAN)

Presenters: Laurie Harrington, Project Manager, John J. Heldrich Center for Workforce Development
Becky Kelleman, NJCAN Trainer
Diana Lobo, Director of HSTW/Special Programs, Abraham Clark High School
David McNair, Planning Associate, Office of CTE, NJDOE
Melissa Stager, Education Program Development Specialist, Office of CTE, NJDOE

New Jersey's Personalized Student Learning Plan (PSLP) Pilot Program explored meaningful, creative and flexible ways to personalize the learning environment through the development and implementation of a PSLP. This workshop will focus on lessons learned from the pilot program and assist participants in understanding how a PSLP program supports students in setting academic and career goals. Participants will also have an opportunity to learn about the New Jersey Career Assistance Navigator (NJCAN), a state-supported, free online career exploration and planning tool that can be helpful in implementing PSLPs.

Incorporating Service Learning into the Marketing Program of Study

Presenters: Til F. Dallavalle, Interim Director, Office of School Relations, Middlesex County College
Ellen A. Benowitz, CTE Partnership Project Coordinator, Marketing Career Cluster, Middlesex County College
Sheri Einhorn, Teacher, Burlington Township High School
Dennis Huzey, Professor, Felician College

This session will provide an overview of the Marketing Career Cluster's Model Program of Study which is designed to engage students and turn the classroom into a student-centered environment. Preparing students for a successful career requires the development of advanced communication and problem solving skills. This presentation will introduce teachers to resources that help students build a portfolio that reflects their level of College and Career Readiness. In addition, teachers and school administrators will get hands-on experience in developing a service learning project for their students and community.

Integrative STEM (iSTEM)

Presenter: Chris Anderson, Educational Consultant/Adjunct Professor, Center for Excellence in STEM Education, The College of New Jersey

"STEM" or Science, Technology, Engineering and Mathematics, is the education buzzword of the decade, and everyone is using it. The question is, amidst so much hype and misinformation, are you confident in your own ability, and that of those around you, to recognize, articulate and respond to the trends and implications of STEM education reforms? Are you aware of the term "integrative" or "integrated" STEM (iSTEM) and its connections to the Next Generation Science Standards and Career Education?

iSTEM Education is a rather deep concept that is more about understanding the nature and implications of national reforms already underway, the scale of which equates to a pedagogical paradigm shift in education today! Through this entertaining, practical and dynamic 1/2-day institute, participants will 1) contextualize current trends, key-players, and issues; 2) develop a common language for engaging in related discourse; 3) examine the role of engineering, inquiry and design-based pedagogy; and 4) identify and prioritize the emerging implications and specific opportunities for stakeholders in CTE.

AM SESSIONS (8:45 a.m. - 11:15 a.m.)

WORKSHOP DESCRIPTIONS

Preparing for Employment in Life Science

Presenters: *Vicky Gaddy, SPHR, Vice President, Life Sciences Talent Network at BioNJ*
Nancy Trivette, NJ Program Leader, Agricultural Education/CASE State Leader/NJ State FFA Advisor,
New Jersey Department of Agriculture, Office of Agricultural Education

Panelists: *Lynette Bowman, Vice President, Human Resources, Excelsior Medical*
Patricia Gallagher, former Senior Director, Human Resources, Dendreon/Novartis
Barry Jesse, Associate Professor, Department of Animal Health, Rutgers University
Catherine Kapferer, Global Director – Head of Diversity, EEP Compliance and University Relations,
Human Resources, Covance
Robert E. Kelly, Senior Vice President, Zoetis (formerly Pfizer Animal Health), US Cattle and Equine Group
Tim McCorkell, Superintendent, Monmouth County Vocational School District
Jennifeur Wilson, CASE Lead Teacher/Agriculture Instructor, North Warren Regional High School

Employers in the Life Sciences industry (Biotech, Pharmaceuticals, Agriculture Sciences, Medical Device, etc.) tell us that, too frequently, early entrants into the workforce that they meet lack basic required skills. What are those skills and how are employers dealing with this deficit? Come hear our panel of industry leaders and educators discuss the issues and learn how we can more broadly impact change to better prepare students for success in this growing and important New Jersey industry.

Project-Based Learning with Real World Connections

Presenters: *Martha McNulty, Project Director, Raritan Valley Community College*
Zachary Riffell, Project Manager, Southern Regional Education Board

Project-based learning (PBL) is both a teaching method and an approach to educational content. Carefully designed problems challenge students to use problem solving techniques, self-directed learning strategies, team participation skills, and disciplinary knowledge. In this workshop, we will familiarize participants with the key components of Project-Based Learning, look at a PBL unit in the Advanced Career Global Logistics Course pioneered by New Jersey, and learn methods for integrating State Standards. We will discuss the advantages of PBL and help you begin the initial design of your own PBL unit. Even if you are already using PBL, this workshop promises to give you additional tools and resources you can use in your classroom.

Putting Your Data to Work: Building CTE Data Literacy

Presenters: *Carol Hodes, Ph.D., Sr. Consultant and Co-Principal Investigator, NOCTI and NOCTI Business Solutions*
Kate Diffenderfer, Education Program Development Specialist, Office of CTE, NJDOE

Understanding and using data is imperative for improving and building quality CTE programs. Much has been written about data-driven decisions and instruction, but little is specific to CTE and its unique needs. In this session, we will look at various forms of CTE data including, but not limited to, Program Performance Reports and end-of-program technical assessments. By the end of this workshop, participants will have a better understanding of how to strategically use data to develop data-based action plans that promote improving student learning outcomes. Participants are encouraged to bring in their own data for this session in order to reap the greatest benefits.

AM SESSIONS (8:45 a.m. - 11:15 a.m.)

WORKSHOP DESCRIPTIONS

Teaching Literacy and Meeting Common Core in CTE Classes

Presenters: *George Johnson, Literacy Consultant, Southern Regional Education Board*
Kim Delesky, Teacher, Special Education/Retail Supermarket, Morris County Technical School
Tina Flechsig, Teacher, Cosmetology, Morris County Technical School
Jason Kish, Teacher, Business/Personal Finance, Phillipsburg High School
Christine Lucas, Teacher, Medical Arts, Passaic County Technical Institute
Joseph Petrocelli, Teacher, Criminal Justice, Passaic County Technical Institute

New Jersey CTE teachers around the state have embedded literacy instruction in a variety of CTE classes. Hear from classroom teachers who have enhanced their CTE programs by implementing literacy instruction using this model and see the work they have produced. Take part in learning activities actually used in the classroom.

Utilizing CTE Programs to Develop Academies in Comprehensive High Schools

Presenters: *Dr. Jim Stefankiewicz, Superintendent*
Peter Grandinetti, Supervisor of Four-Year Academy Programs
Dawn Kaszuba, Director of Pupil Personnel Services
Christina Emrich, Lead Teacher, Academy of Sports Medicine and Management
Kris Zook, Lead Teacher, Academy of Visual & Performing Arts

In 2009, Red Bank Regional High School (RBR) transformed its curricular program to an all-academy model which included the integration of several CTE programs. By grade 10, all students at RBR are required to select an academy program and follow that course of study through grade 12. This structure provides all students with a more personalized learning environment with a focus on college and careers and an opportunity to acquire specific technical skills. By attending this session, participants will learn how to develop and maintain academy programs in their schools. Participation of school teams is encouraged as multiple topics such as curriculum, structure, scheduling, and community involvement will be discussed.

LUNCHTIME SESSIONS (11:30 a.m. – 12:30 p.m.)

DESCRIPTIONS

Association for Career and Technical Education (ACTE) and National Policy Update

Presenter: Stephen DeWitt, Deputy Executive Director, Association for Career and Technical Education

The Association for Career and Technical Education is a national membership organization of CTE professionals which provides professional development and actively advocates for CTE at the national level. Attend this session to receive an update on current federal legislative and regulatory activity relevant to CTE and learn more about ACTE services. Laws including the Perkins Act, Elementary and Secondary Education Act and Workforce Investment Act will be covered.

Career Equity Resource Center (CERC)

*Presenters: Teresa M. Boyer, EdD, Professor and Executive Director, Career Equity Resource Center, Rutgers University
Glenda Gracia-Rivera, MPA, Associate Director, Career Equity Resource Center, Rutgers University*

Come to this session to get information on the services the CERC can provide you with for addressing the needs of special population students.

Career Guidance Brochures for New Jersey Key Industries

*Presenter: Robert Grimmie, Director, Center for Occupational Employment Information (COEI),
NJ Department of Labor & Workforce Development*

Come hear about the new career guidance brochures provided by the NJ Department of Labor and Workforce Development for each of New Jersey's seven key industries: Advanced Manufacturing; Health Care; Life Sciences; Transportation, Logistics, and Distribution (TLD); Retail, Hospitality, and Tourism (RHT); Technology and Entrepreneurship; and Financial Services. Each brochure contains current data and labor market intelligence to give readers insight into the industry, highlight some of the important trends in skills and credentials, and provide an overview of career options.

The "Literacy" of Literacy in CTE

*Presenters: Patricia Robbins, Assistant Principal, Cumberland County Technical Education Center
Stacy Shaw, Clinical Medical Assisting Instructor, Cumberland County Technical Education Center
Sarah Bernhardt, Math and Language Arts Support Instructor, Cumberland County Technical Education Center
Lin DiRenzo, Education Program Development Specialist, Office of CTE, NJDOE*

Engage both instructors and students using Literacy Supports for Career and Technical Education. This session will provide participants supports for the reading and writing process as it relates specifically to career and technical education; from selection of appropriate text material, to pre and post reading, then assessing. These supports can be used independently or within a project-based learning model. Multiple strategies and practical applications will be presented with participants leaving with valuable tools to enhance Literacy within their programs and school.

LUNCHTIME SESSIONS (11:30 a.m. – 12:30 p.m.)

DESCRIPTIONS

Early Childhood – A Practical Application of an Adaptable Program of Study Sequence

Presenters: *Margo Venable, Assistant Dean, Grant Director*
Yvonne Kilson, Project Coordinator
Carol Hoernle, Teacher, Matawan Regional High School
Carrin Bachowski, Teacher, Sterling High School
Julie Laucks, Teacher, Camden County Technical School

This session will offer an overview of the Human Services Career Cluster Early Childhood program of study model developed through the CTE Partnership grant. Teachers from pilot school districts utilizing various lesson topics from the pilot course – Child Development, will demonstrate how the lesson can be adapted to a comprehensive and/or technical school teaching curriculum. In addition, sample Career and Technical Student Organization (CTSO) activities from the Family, Career and Community Leaders of America (FCCLA) will be illustrated as lesson enhancements.

Engaging Employers with Career and Technical Education

Presenters: *Andrew Musick, Director of Policy, NJ Business and Industry Association*
Judy Savage, Executive Director, NJ Council of County Vocational-Technical Schools

Learn about the New Jersey Employer Coalition for Technical Education, a statewide group of employers that seeks to promote career and technical education, engage employers, and build support to expand county vocational-technical schools and programs. This presentation will explore the business perspective on the importance of career and technical education, and practical steps that can engage employers and strengthen business partnerships.

Financial Services Talent Network

Presenter: *Bob Crawford, Director, Financial Services Talent Network*

Come hear an overview of the Financial Services sector in New Jersey and the types of jobs and career opportunities that currently exist in that industry. The presentation will include a review of the skills required for entry-level positions and will speak to how educators can begin to prepare their students for those entry-level opportunities once they complete high school and/or graduate from college.

Green Program of Study

Presenter: *John Henry, New Jersey Green Program of Study Project Director*

As the NJ Green Program of Study pilot program enters its fourth year, the pilot school districts are establishing formal program of study agreements with their postsecondary partners. The NJ Green POS includes four years of curriculum and resources for all three pathways (sustainable design, sustainable energy, and green construction), including model program of study articulation agreements with postsecondary education institutions. Come learn about these partnerships and what they mean for participating students, and how your district can become involved in the Green Program of Study.

Health Care Talent Network

Presenter: *Padma Arvind, Director, Health Care Talent Network*

Come to this session to hear from the Health Care Talent Network (TN) Director about current healthcare industry trends, jobs and programs that are in demand, and how the industry has shifted toward non-traditional employment. The TN Director will speak about efforts related to articulation agreements, industry-recognized certifications and associate degree programs.

LUNCHTIME SESSIONS (11:30 a.m. – 12:30 p.m.)

DESCRIPTIONS

Marketing Program of Study

Presenters: *Til F. Dallavalle, Interim Director, Office of School Relations, Middlesex County College*
Ellen A. Benowitz, CTE Partnership Project Coordinator, Marketing Career Cluster, Middlesex County College
Sheri Einhorn, Teacher, Burlington Township High School
Dennis Huzey, Professor, Felician College
Representatives from Carteret High School and Mount Olive High School

Are you looking for some practical advice on how to get started? Do you want to introduce a CTE program into your high school? If you have answered "YES" to those questions, you need to come to this session. Here you will hear from two new CTE programs using the Marketing Career Cluster's Model Program of Study and what they needed to do to make the program work in their district. In addition, you will be provided with a brief overview of the CTEP Marketing Program which is designed to engage students and turn the classroom into a student-centered environment. This will be an interactive and informational lunch session that will provide teachers and administrators with a wonderful opportunity to become familiar with the Marketing curriculum, understand the benefits of attending the CTEP Marketing Summer Institute and learn how to join a growing number of schools piloting the CTEP Marketing model program of study (MPOS)

Retail, Hospitality and Tourism Talent Network: Looking through the Pineapple-Stained Glasses

Presenters: *Sandy Bleckman, Director, Retail, Hospitality, Tourism (RHT) Talent Network North*
Caitlyn Bradley, Director, Retail, Hospitality, Tourism (RHT) Talent Network South

Come to this lunchtime session to hear from the Talent Network directors about the differences between customer service and hospitality relative to their impact on the RHT Industries. According to the Economic Impact of Tourism Report released last month by the Department of State, New Jersey's travel and tourism industry directly supports 320,238 jobs. Come hear what kind of jobs they are, where they are and how to obtain them.

Socially Responsible Engineering & Technology Model Program of Study (CTEP-STEM)

Presenters: *Chris Anderson, Educational Consultant/Adjunct Professor, Center for Excellence in STEM Education, The College of New Jersey*
Freehold Regional School District Representatives
Hamilton School District Representatives

The College of New Jersey's Center for Excellence in STEM Education partnered with the New Jersey Department of Education to create a model Program of Study in Socially Responsible Engineering & Technology for NJ high schools. Come and meet pilot teachers and project staff members to learn about the implementation process for this model STEM program of study and take home sample resources!

Structured Learning Experiences (SLE) – Drop In for Q & A

Hear frequently asked questions and have your specific questions addressed by Brian Berry, M.Ed., Ph.D., Professor, Holy Family University, and Anne Freeman, Education Program Development Specialist, Office of CTE, NJDOE.

LUNCHTIME SESSIONS (11:30 a.m. – 12:30 p.m.)

DESCRIPTIONS

What's New in Career and Technical Student Organizations (CTSO)

*Presenters: Alison Goeke, NJ TSA State Advisor, The College of New Jersey
Daria Ferdine, National Officer, SkillsUSA
Seiichi Villalona, Alumni Representative, NJ HOSA*

Get an inside look at New Jersey's Career and Technical Student Organizations at this session! Hear about the Technology Student Association's (TSA) project-based learning activities in Science, Technology, Engineering and Mathematics (STEM). A student officer and an alumni representative will be available to discuss CTSO activities, membership and what these organizations can offer your students.

PM SESSIONS (12:45 p.m. - 3:15 p.m.)

WORKSHOP DESCRIPTIONS

A Technology Business Workshop, NOT Just for “Techies”

Presenters: *Michel M. Bitritto, Ph.D., Director, Technology & Entrepreneurship Talent Network,
New Jersey Institute of Technology*

Rich Panicucci, Assistant Superintendent of Curriculum & Instruction, Bergen County Technical Schools

This workshop will begin with an overview of “Technology Trends, *Heard in the Field*” and will be followed by a discussion of parameters around small business development/start-up. Attendees will have the opportunity to work in small groups beginning with identifying a real world need that a new business (technology-related or otherwise) could address. Small groups will explore the process for laying out a framework for a new business using the concepts learned in the session. A simple template will be provided to assist attendees in addressing key issues such as targeted customer base, competitive technologies or services, etc. Finally, groups will have the opportunity for a brief presentation of their business ideas, allowing ample time for open discussion.

Advanced Manufacturing – NJ Dream It. Do It.

Presenter: *Sivaraman Anbarasan, CEO, NJ Community College Consortium for Workforce & Economic Development
William Kraus, State Director, USDOL/ETA - Office of Apprenticeship
Andrew Musick, Director, Policy and Research, NJ Business and Industry Association (NJBIA)
Matt Paknis, Chief Development Officer, NJ Manufacturing Extension Program (NJMEP)
Bob Staudinger, President and CEO, National Manufacturing Company
Ray Vaccari, Director, Advanced Manufacturing Talent Network (MNJ)*

A panel of industry experts will address the state of advanced manufacturing in NJ, the opportunities for high school graduates and the skill sets they will need to have a successful career in advanced manufacturing. The roll out of the *NJ Dream It. Do It.* marketing campaign designed by the Manufacturing Institute and previously successfully implemented in 25 other states will be discussed. Attendees will engage in a discussion as to the best way to present the *NJ Dream It. Do It.* program in their schools.

Beyond Co-Op

Presenters: *Brian Berry, M.Ed., Ph.D., Professor, Holy Family University
Lin DiRenzo, Education Program Development Specialist, Office of CTE, NJDOE
Anne Freeman, Education Program Development Specialist, Office of CTE, NJDOE*

Cooperative education experiences are only one example of Structured Learning Experiences (SLEs) available for students. In this hands-on workshop, participants will learn how a variety of SLEs can help all students gain the essential personal/social and career skills needed for success in today’s global economy.

Common Career Technical Core and Standards Revision

Presenters: *Marie Barry, Director, Office of CTE, NJDOE
Kate Blosveren Kreamer, Associate Executive Director, National Association of
State Directors of Career Technical Education Consortium*

The Common Career Technical Core (CCTC) was developed by 44 states in 2012. The CCTC include content standards for the 16 Career Clusters® and 79 Career Pathways, as well as 12 Career Ready Practices that are developmental and intended for all students across all learning levels. A state-by-state alignment study completed following the release of these standards indicated that NJ’s current CTE standards are highly aligned to the CCTC. The development of the CCTC provides NJ with the opportunity to revisit our current NJCCCS in 21st Century Life and Careers and consider the adoption of the CCTC. This session will explore the details of the CCTC and engage in discussions about the impact of potential adoption of these standards.

PM SESSIONS (12:45 p.m. - 3:15 p.m.)

WORKSHOP DESCRIPTIONS

Community-Based Instruction and Transition for Students with Disabilities

Presenters: *Daniel J. Baker, Ph.D.; NADD-CC, Associate Professor of Pediatrics, The Boggs Center on Developmental Disabilities, Rutgers Robert Wood Johnson Medical School*
Kathleen Kirby, Supervisor of Special Education, South Brunswick School District

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Implementing Personalized Student Learning Plans (PSLP) using the New Jersey Career Assistance Navigator (NJCAN)

Presenters: *Laurie Harrington, Project Manager, John J. Heldrich Center for Workforce Development*
Becky Kelleman, NJCAN Trainer
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PM SESSIONS (12:45 p.m. - 3:15 p.m.)

WORKSHOP DESCRIPTIONS

Navigating and Understanding the Postsecondary Private Career School Application Process

Presenters: *Sandy Fountain, Supervisor, Training Evaluation Unit, NJ Department of Labor and Workforce Development*
Natasha Palmer, Education Program Development Specialist, Office of CTE, NJDOE
Michelle Sexton, Senior Technician, Management Information Systems, Center for Occupational Employment Information

Participants will gain an understanding of the overall application process, qualification information for opening and operating a private career school, and a discussion of compliance issues. Time will be allowed for Q&A, and individual technical assistance for attendees.

Project-Based Learning with Real World Connections

Presenters: *Martha McNulty, Project Director, Raritan Valley Community College*
Zachary Riffell, Project Manager, Southern Regional Education Board

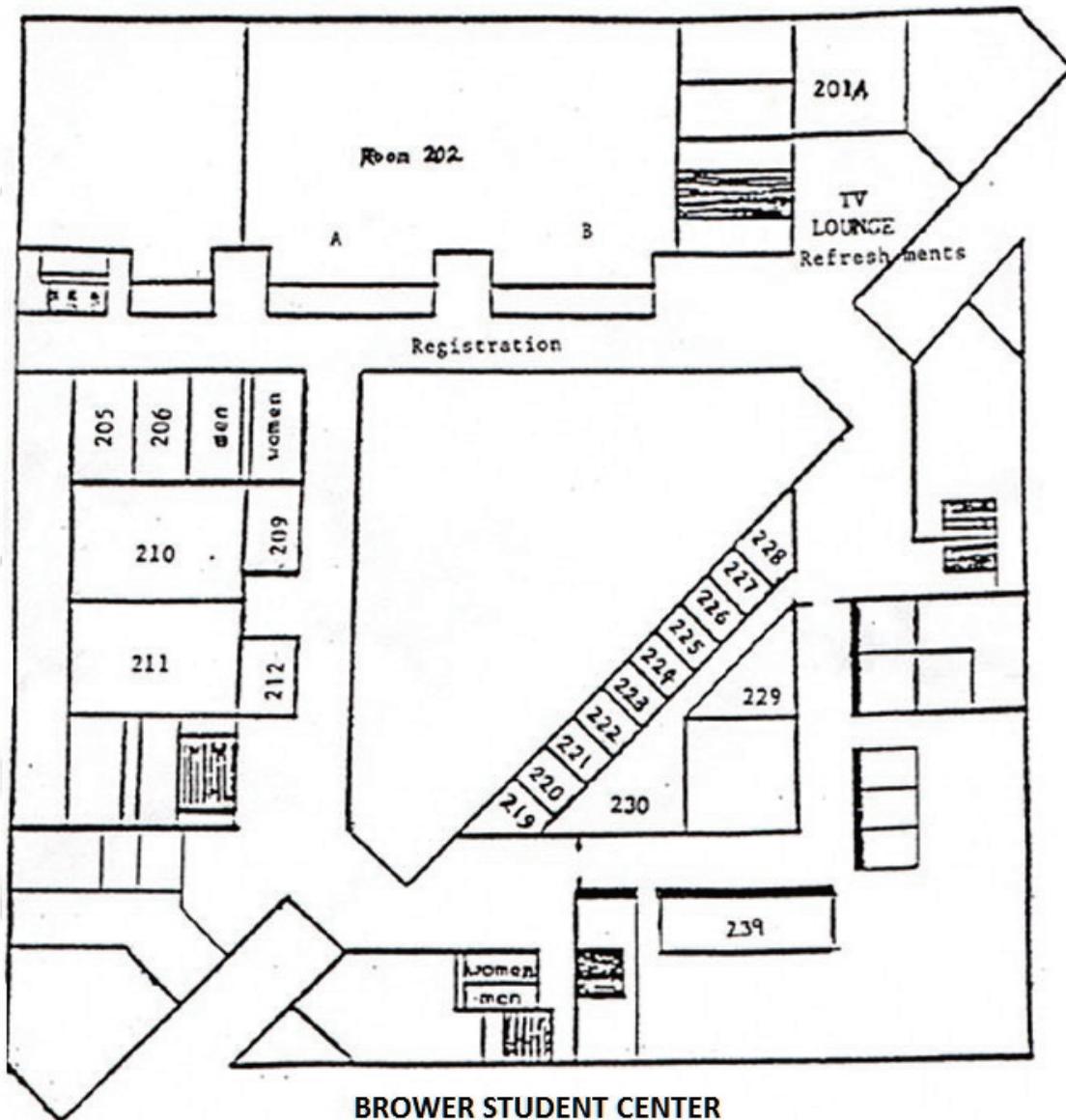
Project-based learning (PBL) is both a teaching method and an approach to educational content. Carefully designed problems challenge students to use problem solving techniques, self-directed learning strategies, team participation skills, and disciplinary knowledge. In this workshop we will familiarize participants with the key components of Project-Based Learning, look at a PBL unit in the Advanced Career Global Logistics Course pioneered by New Jersey, and learn methods for integrating State Standards. We will discuss the advantages of PBL and help you begin the initial design of your own PBL unit. Even if you are already using PBL, this workshop promises to give you additional tools and resources you can use in your classroom.

Using the Literacy Design Collaborative Model to Teach Effective Reading and Writing in CTE Classes

Presenter: *George Johnson, Literacy Consultant, Southern Regional Education Board*

Learn and participate in a model to embed literacy learning into your CTE classes. This session will feature the Literacy Design Collaborative framework for addressing Common Core Literacy Standards in CTE. Leave today's session with the materials you need to design literacy instruction for your class, or next year's SGO!

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