

SESSION TIME: 9:45 - 11:15 A.M.





FACILITATORS

DR. JOSEPH GOINS

Focused on innovation in education, **Dr. Joseph Goins'** career began as a Vocational Educator in the state of Tennessee and has continued to innovate academic and commercial spaces alike. Dr. Goins would go on to further his education in the state of Tennessee, earning a MS in Administration and Supervision (University of Tennessee), and an Ed. D. in Educational Leadership and Policy (Vanderbilt University) for a broader view of the challenges facing, and potential of, modern education. He has developed foundational skills programs for learners with the Tennessee Board of Regents, occupational profiles for a work-ready credential, and a statewide basic skills/mathematics curriculum focused on career pathways. Dr. Goins has built upon his desire to integrate innovation into education in everything he has done, promoting academic achievement, educator effectiveness, and outcome-driven leadership strategies.

DR. KRISTIN HUNT

Dr. Kristin Hunt is the inaugural Statewide Director of Early College programs for the Commonwealth of Massachusetts. She brings to this role over twenty years of professional experience in higher education administration, project management, counseling and teaching. Throughout her career, she has specialized in issues of access, equity, and affordability in higher education, as well as strategic partnerships between k-12 and higher education. In her current role, she works closely with the Department of Elementary and Secondary Education, Department of Higher Education, and the Executive Office of Education to support the Designated Early College partners, as well as the potential applicants for Early College Designation.





AGENDA

- Core Components of Pathways
- Engaging Tools
- MyCAP
- MEFA Tools
- Next Steps







New Survey Finds Most College Grads Would Change Majors



Majority of college graduates believe college is a good investment.



Would change their major if they could go back



Millennials want to understand better job opportunities



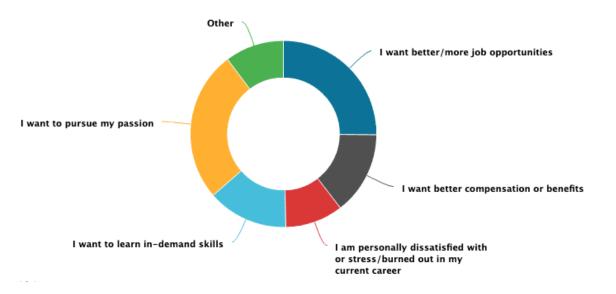
.....soft skills (40%), personal enrichment or life experience (22%), and hard skills (17%).



Why Do College Grads Want to Change Their Majors?

40% want better Jobs that have in demand skills 26% want to align their passion

Why Graduates Would Change Their Majors







BUILDING EC PROGRAM PATHWAYS

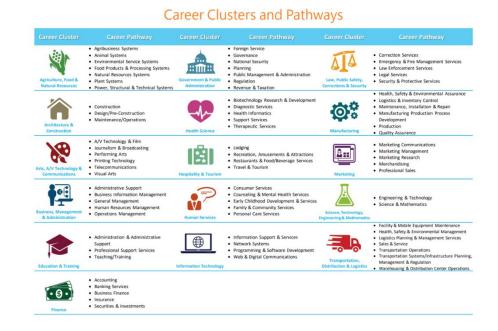
- Relevant to local job market
- Relevant to student interest
- Partners can support skills and resources needed
- Broad-based enough that student can work on foundational skills/courses that will transfer







Clusters = Pathways = Program of Studies







Career Clusters and Pathways



Insurance



Job Zone 1 High School Diploma or Less	Job Zone 2 High School Diploma	Job Zone 3 Certificate or Associate's Degree	Job Zone 4 Bachelor's Degree	Job Zone 5 Master's or Doctorage Degree
			Engineers, All Other Annual Openings = 157 Median Wage = \$117,310	Physicists Annual Openings = 185 Median Wage = \$167,200
			Environmental Scientists and Specialists, Inclu Annual Openings = 150 Median Wage = \$67,200	Architectural and Engineering Managers Annual Openings = 131 Median Wage = \$166,370
*			Electrical Engineers Annual Openings = 123 Median Wage = \$116,110	Computer and Information Research Scientists Annual Openings = 89 Median Wage = \$129,630
*	*	*	Mechanical Engineers Annual Openings = 100 Median Wage = \$114,480	Physical Scientists, All Other Annual Openings = 64 Median Wage = \$122,290
*			Electronics Engineers, Except Computer Annual Openings = 64 Median Wage = \$113,430	Anthropologists and Archeologists Annual Openings = 36 Median Wage = \$59,500

EXAMPLE FOR STEM JOBS



Supply Chain Management

Specialized Career Pathway for Rutherford County Schools



Regional Career Opportunities – Listed by Highest Projected Demand

Job Zone 1 High School Diploma or Less Job Zone 2 High School Diploma Job Zone 3
Certificate or
Associate's Degree

Production, Planning, and

Expediting Clerks

Annual Openings = 354

Median Wage = \$45,491

Job Zone 4

Bachelor's

Degree

General and Operations

Managers

Annual Openings = 1418

Median Wage = \$90,231

Job Zone 5 Master's or Doctorate Degree

Few regional occupations in this

pathway require education at

this degree level.

Few regional occupations in this pathway require education at this degree level.

Laborers & Freight, Stock & Material Movers, Hand Annual Openings = 3628 Median Wage = \$27,544

Stock Clerks & Order Fillers

Annual Openings = 2302

Median Wage = \$24,983

Administrative Services Managers

Annual Openings = 262 Median Wage = \$77,279 Mangers, All Other (includes Supply Chain Managers) Annual Openings = 624

Median Wage = \$82,969

Packers & Packagers, Hand Annual Openings = 1239 Median Wage = \$22,429

Procurement Clerks
Annual Openings = 47
Median Wage = \$41,920

Annual Openings = 302 Median Wage = \$94,724

Sales Managers

Operators
Applied Openings = 863

Annual Openings = 863 Median Wage = \$32,543 Few regional occupations in this pathway require education at this degree level. Transportation, Storage, and
Distribution Mangers

Annual Openings = 123 Median Wage = \$75,518

Production Workers

Annual Openings = 277 Median Wage = \$31,112 Logisticians

Annual Openings = 117 Median Wage = \$61,066 Data Source TSBA District Data Dashboard





 \star

Top five high-value occupations in this pathway for the

Northern Middle Tennessee Region

Occupations with the highest annual openings that are stable or growing with median wages above \$35,000 are considered high-value.

* = state level data was used due to limitations in regional data.



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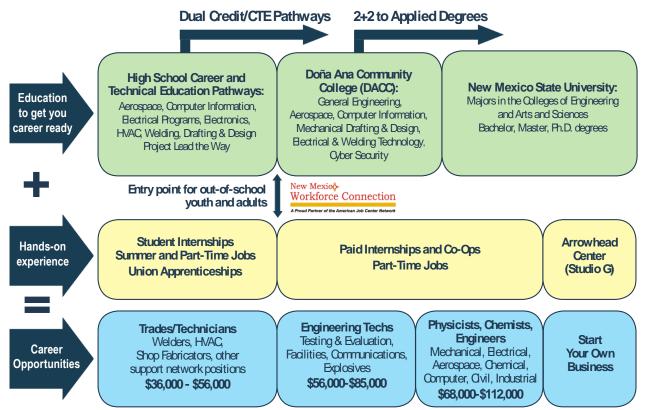




Aerospace, Space, and Defense Industries



Pathways, Partners, and Positions

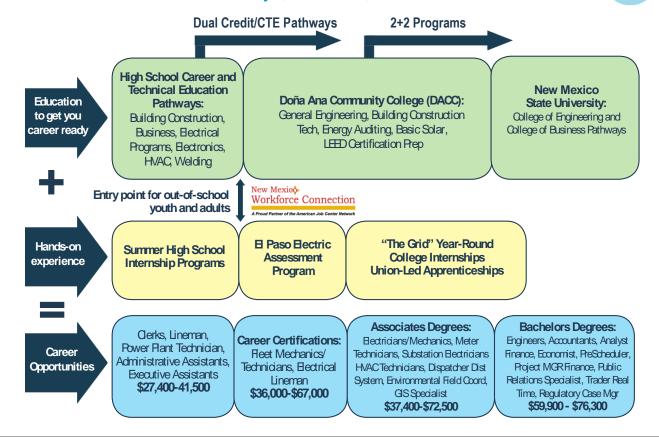




Energy Industry

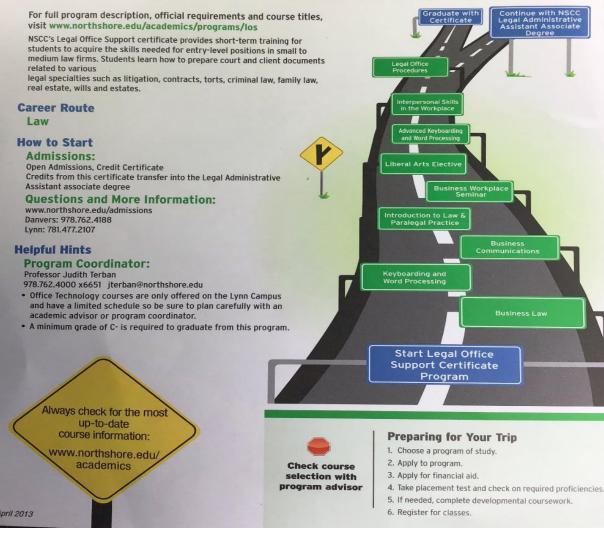
Pathways, Partners, and Positions

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Literally Visualizing Road Maps....



Legal Office Support Certificate

Start the conversation about your future.

get on the right road

Degree

www.northshore.edu







Literally Visualizing Road Maps....



get on the right road

www.northshore.edu

What is a Legal Office Support Worker?

Job Responsibilities

- Prepare and process legal documents.
- Organize and maintain law libraries, documents, and case files.
- · Assist attorneys in collecting information.
- Complete accident reports, trial and courtroom requests, and applications for clients.
- Prepare and distribute invoices to bill clients or pay expenses.

Related Job Titles

Legal Secretary, Legal Assistant, Magistrate Assistant, Judicial Administrative Assistant, Litigation Assistant

What makes this job hot?

This job is expected to grow at an average pace from 2008-2018. Applicants with advanced software application knowledge and word processing skills will be more competitive.

Where can a Legal Office Support Certificate take me?

Advanced positions include: Legal Administrative Assistant (requires associate degree)

Useful Links

www.masscis.intocareers.org www.careerinfonet.org

Average Hourly Wages in Massachusetts

Legal Secretary Court Clerk

Paralegal

\$22-24 hourly \$18-20 hourly \$23-25 hourly

Source US Bureau of Labor Statistics www.bls.gov

NSCC offers certificate training for all these jobs!



isit www.northshore.edu/legal/gainful_employment.html or student-consumer information.



Graduate with certificate



Work in field of Legal Office Support



Continue with higher education and/or training

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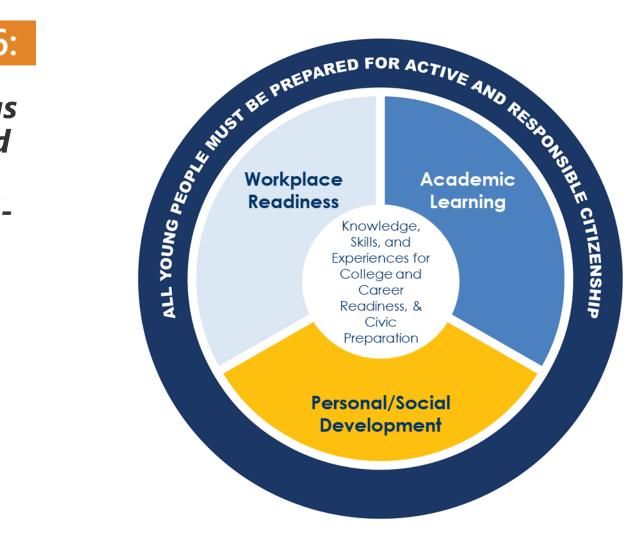




College, Career, and Civic Ready

BESE and BHE approved in 2016:

 Readiness means an individual has the requisite knowledge, skills and experience in the academic, workplace readiness and personalsocial domains to successfully navigate to completion an economically viable career pathway in a 21st century economy and engage in active civic life.







Nature of CCA and MyCAP (MA DESE Powerpoint Presentation)

- College and Career Advising (CCA) is the systematic implementation of a scope and sequence of learning objectives focused on the personal social growth, academic planning, and career development education needed for student success.
- My Career and Academic Plan (MyCAP) is a student-directed *process* of self-discovery and college and career planning that leads to a unique personalized path towards post-secondary success. As an *instrument*, MyCAP captures the learning and documents the achievements of the learning objectives at each grade level. The instrument may also act as an ePortfolio capturing certain artifacts that demonstrate success. The ePortfolio may be part of the online career information system or a cloud storage system (e.g., Google Docs) or a "Linked-In" type system.





MY CAREER AND ACADEMIC PLAN (MyCAP)



DISCOVER:

Skills
Interests
Talents
Strengths



PLAN:

Course-taking
Career Development
Post-secondary options



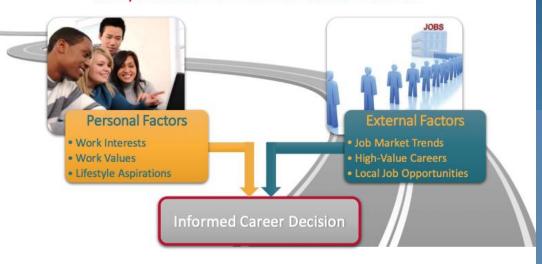
ACT:

AP, Early College, IP, Contextual Learning experiences Applications and decision-making





Components of an Informed Career Decision



Components of an Effective Career Plan







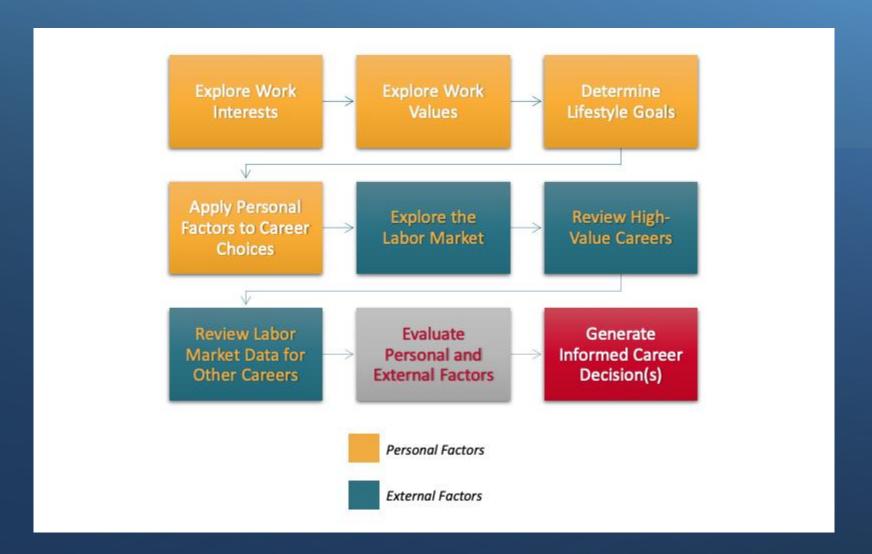






How do we visualize pathways for students?

More importantly, can we make these work within the ECP model?



Effective Strategies:

- Personal Motivation
- Reality
- Informed Decision

My Career and Academic Plan (MyCAP)

MyCAP Process

- Student-directed, school and family input
- Implemented in varied settings in-school and virtually- classrooms, seminars, workshops, etc., with a teacher and independently
- Caring adult advocate –counselor, teacher, administrator, paraprofessional, or other school staff person
- Connect academic learning and future plans

MyCAP Instrument

The MyCAP instrument captures the learning and documents the achievement of learning objectives at each grade level

- The instrument may act as an ePortfolio capturing artifacts of growth and learning
- It is an online platform such as MEFA Pathways, MassCIS, Naviance
- It is designed to capture student goals, interests, barriers, and action steps







GUIDING PRINCIPLE #2: GUIDED ACADEMIC PATHWAYS

Designated programs should be structured around clear and detailed student academic pathways from secondary and post-secondary education with regard to coursework, sequencing, and experiences beyond the classroom.

Given this pathway, students should be expected to complete at least twelve college credits that count towards a postsecondary credential.

Programs should also offer students substantive exposure to career opportunities in high demand fields, allowing them to make an informed decision about which career pathway to pursue.

-Students should also be exposed to the authentic experience and academic rigor of postsecondary education. This would require validating that courses are as rigorous as college level courses offered on campuses.

-Further, programs should prioritize allowing students to take at least one or more courses on college and university campuses where possible, and otherwise offer experiences intended to acculturate students to the postsecondary experience.







Final Designation Criteria to demonstrate Guided Academic Pathways:

- 1. Scope and sequence evidencing a course of study allowing for all students who complete the program as designed to graduate with at least 12 college credits.
 - a. We strongly suggest that, at a minimum, students complete English Composition I or the equivalent and a college-level mathematics course prior to completion of the early college program. Students should be identified as more interested in a STEM or non-STEM pathway for the purposes of completing a math course that will be appropriate for their field of study.
 - b. Further, as stated above, program design should reflect an effort to ensure that student course taking aligns with MassTransfer Pathways. As such, it is recommended that the remaining course sequence be mapped with major requirements for a particular A2B Mapped Degree Pathways or with the MassTransfer GenEd Foundation.
 - c. Program design should also reflect a pathway that allows a student to complete both a two year and four-year degree, should they wish. As such, it is strongly recommended that program design reflect course sequencing aligned with admissions requirements for the Massachusetts public four-year institutions and that the program is designed such that students complete MassCore. If, for some reason, program design does not so align, applicants must articulate the rationale.
- 2. Evidence of curricular alignment between high school and college courses.

Department of Higher Education

- 3. Proposed schedules for students enrolled in the Early College High School program. Note that should the proposed program require a Student Learning Time waiver, the application for that waiver should be included in the application for final designation.
- 4. Sample redacted individualized learning plan (ILP), including connections between areas of interest and exposure to career opportunities.
- 5. Proposed high school course catalogs or additions to existing catalogs, including program outlines and course descriptions and syllabi.
- 6. Written policy for placement of students into college courses that includes strategies for assuring student preparedness. Early college partners are strongly encouraged to explore alternatives to determine student placement.

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GUIDING PRINCIPLE #3: ENHANCED STUDENT SUPPORT

Designated programs should incorporate sufficient wraparound services to promote academic success and completion, taking into consideration the needs of diverse populations of students.







Final Designation Criteria to demonstrate Enhanced Student Support:

- 1. Comprehensive plan for ongoing academic and non-academic support so students will be on a pathway to take college courses in high school; the plan must address supports for English Language Learners, students with disabilities, and first-generation college students.
- 2. Student schedules evidencing advisory/or college access/ readiness and support time built into the program.
- 3. If the proposed schedule for students is likely not to meet the minimum 180 days/990 hours of instruction, applicant shall include a description as to how the proposed schedule will ensure that students will have sufficient access to learning supports to successfully complete program requirements.
- 4. Advisory/study skills curriculum material and tutoring schedules.
- 5. Detailed calendar of awareness activities for current and prospective students, including application assistance, financial aid counseling, and college and career advising.
- 6. Policy on communicating to students that they are at risk for failing a course, supports for helping the student get back on track, and actions that may or may not be taken if a student fails a course or multiple courses.





GUIDING PRINCIPLE #4: CONNECTION TO CAREER

Designated programs should expose students to a variety of career opportunities including greater depth in careers relevant to their selected pathway, for example, by providing opportunities for targeted workforce and career skills development, career counseling, and elements of experiential and workplace learning.







Final Designation Criteria to demonstrate Connection to Career

- 1. Proposed career development education activities, by grade level, that include awareness, exploration, and/or immersion (internships, proposed career pathways) that consider labor market information.
- 2. A plan for proposed career development education activities for students. This plan should include specific employer contacts in order to demonstrate a commitment of community businesses and other partners, with the goal of exposing students to a variety of career options and internship opportunities.
- Identification of the higher education partner's commitment and resources to help support connections between education and career.
- 4. Incorporation and integration of an online tool for use in college and career counseling (e.g.., Naviance or MEFA Your Plan for the Future)





MEFA Pathways Jennifer Bento

