Dual Credit & College & Career Pathway Endorsements
Model POS Aligned to a College and Career Pathway Endorsement

OUTCOMES:
- Credential Attainment
- Labor Market / Economic Dev.

Secondary Pathways
- Interns / CDE
- Low-skilled Jobs
- Semi-skilled Jobs
- Middle-skilled Jobs
- Advanced-skilled Jobs

Postsecondary Pathways
- Stackable Credentials
- AA/AAS
- BA/BS

ENDORSEMENT

Individualized Planning
Career Focused Instruction
Work-based Learning
Core Academics
# State Pathway Endorsement Requirements

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>11th &amp; 12th Grade</th>
</tr>
</thead>
</table>

**1. Orientation or Introduction**

**2. Advanced Courses**

**3. Orientation or Introduction**

**4. Capstone Course**

**Individual Plan:** Each student completing an endorsement must have an individualized plan, which includes college planning linked to early understandings of career goals, financial aid, resume, and a personal statement.

**Career-focused Instructional Sequence:**
- 2 years of coursework or equivalent competencies.
- Includes at least 6 hours of early college credit.

**Professional Learning:** Awareness, exploration, and preparation activities that provide opportunities for students to interact with adults in the workplace.

- At least 2 career exploration activities or 1 intensive experience
- 60 cumulative hours of paid or credit supervised career development experience with a professional skills assessment
- At least 2 team-based challenges with adult mentoring

**Academic Readiness:** Ready for non-remedial coursework in reading and math by high school graduation through criteria defined by district and local community college.

Distinct and local community college certification articulated to career degree with labor market value.

Through these experiences, a student gains essential employability and technical competencies in their identified sector.
Backwards Map Analysis

Identify “Promising Credentials” for select Industry Areas

- Industry Areas
  - For example: Health Sciences, Manufacturing, IT / Cybersecurity, Education
- Promising Credential =
  - Leads to High Priority Occupations
  - Living Wage Accessibility for Adult + Child
  - Clearly mapped program paths with stackable certificates, associates & bachelors
Backwards Map Analysis

Identify “Promising Credentials” for select Industry Areas

Identify strategic & foundational courses for those credentials

- Find career-focused courses that can map to multiple credentials within an industry area and can be accessed for early college credit at secondary level.
- Recommend math sequence that can map down to TM placements or Early College equivalents
- Recommend science sequence that can map down to secondary courses with early college and AP supplements
- English: Recommend an IAI English/Communications Sequence
- As a result, facilitate student progressions through critical pathway gateway courses
Backwards Map Analysis

Identify “Promising Credentials” for select Industry Areas

Identify strategic & foundational courses for those credentials

Augment secondary course sequence with early college credit

- Start early college pathway courses by Junior year of HS if possible
- Target additional dual credit or AP courses based on
  - likeliness of student eligibility
  - Likeliness of teacher certification in dual credit
  - accessibility for Dual Enrollment
Backwards Map Analysis

- Identify “Promising Credentials” for select Industry Areas
- Identify strategic & foundational courses for those credentials
- Augment secondary course sequence with early college credit
- Map ideal career-focused course sequence from secondary to early postsecondary

• Consider typical school/student scheduling practices of a full time HS and college student
• Keep open possibility for unique opportunities, i.e. work-based learning or capstone course, in senior year of high school
• Keep flexibility throughout HS and first 1-2 years of college for various credentials within that industry area
Subject

Career Focused Courses
Science
Social Science
Math
English

Orientation (9th-10th)

Orientation Course
DC Version (If available)
NGSS Science
Social Science Sequence
Algebra
English Sequence

Skill Development (10th-12th)

CTE Level 2/3 Course
Dual Credit Career Course
NGSS Science
AP Science
Social Science Sequence
Geometry / Algebra 2
English Sequence

Capstone/Advanced (12th)

CTE Course w Industry Cred.
Relevant WBL Experience
AP Science
Dual Credit
AP Social Science
Transitional Math
Transitional English
DC ENG 101/102*

* Indicates a Dual Credit Course Affiliated with an IAI Course Code
Exploration of Future Choices

One-on-One Counseling
Special Education Transition Services
Career Trek and Field Trips
Guest Speakers
Community Service
Work Program
Part-Time Employment

Pathway Coursework
Internships
Team Challenges
Industry Credentials
D211 Career Expo

Student Pathway Connections – Phase 2
Faculty Externships
ESSA Accountability
Endorsements
### HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Overview</th>
<th>Majors &amp; Careers</th>
<th>Coursework</th>
<th>Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>My Plan</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Health Sciences Career Cluster focuses on careers that promote health, wellness and diagnosis, as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information.
Endorsements

**College and Career Readiness (ESSA)**

1. GPA 2.8/4.0
2. 95% attendance rate junior and senior year
3. College and Career Pathway Endorsement

**Endorsement Includes:**

- **1. Individualized Plan** = D211 Student Readiness Plan
- **2. Career-Focused Sequence** = D211 College & Career Pathways
- **3. Professional Learning** = Team-Based Challenges, Career Treks and Internships
- **4. English and Math Readiness** = D211 Transition Classes
Health Science Pathway Endorsement

Individualized Plan
- Student Readiness Plan

Career Focused Sequence
- S637 Anatomy and Physiology (4 college credits)
- Team Based Challenge on Cardiovascular System
- R613 Health Career Exploration and Medical Terminology (2 college credits)
- R614 Certified Nursing Assistant (6 college credits)
- Team Based Challenge on Sensory System
- Additional supplemental courses available

Professional Learning
- Career Treks
- Internships

English and Math Readiness
- Transitional English or Math Course
- SAT/ACT scores
- AP/DC Courses
- College Placement Exams
Team-Based Challenges

Industry Problem
Teamwork
Presentation
Industry Adult Mentoring
Equity and Access

District 211
Junior High Dual Credit Enrollment

- White & Asian: 1,324 (Non-ECD), 258 (ECD)
- Hispanic: 437 (Non-ECD), 166 (ECD)
- Black: 34 (Non-ECD), 87 (ECD)
- All Other Races: 67 (Non-ECD), 15 (ECD)

Equal Opportunity Schools
Equity and Access

Percentage of Students Participating in at least One AP or Dual Credit Course by Graduating Class Demographic Group

Class of 2016 (ECD: 867, H: 590, B: 181, W: 1,527)
Class of 2017 (ECD: 953, H: 640, B: 156, W: 1,469)
Class of 2018 (ECD: 963, H: 651, B: 168, W: 1,411)
Class of 2019  (ECD: 945, H: 670, B: 141, W: 1,306)
Class of 2020  (ECD: 960, H: 739, B: 137, W: 1313)
Business Degree In 3
Advantages

- Accelerated completion (3 years from high school graduation)
- Seamless advising
- Focus on calculus success
- No misaligned credits
- Leverages Harper Promise
- Lowers net college costs
- Guaranteed admission to NIU School of Business
- Earn a Bachelors Degree
Year 1
High School
Complete at least 26 Early College Credits (AP and Dual Credit)

Year 2
Harper
Earn Associates Degree

Year 2 & 3
Northern Illinois University
Earn Your Bachelor’s Degree
<table>
<thead>
<tr>
<th>High School Course Code</th>
<th>Harper Course Code</th>
<th>Number of Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E62503 College Composition/ E319 AP English</td>
<td>ENG 101 composition</td>
<td>3</td>
</tr>
<tr>
<td>E60303 Fundamentals of Speech</td>
<td>SPE101 Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>AP Psychology</td>
<td>PSY101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>S64702 Biology 2</td>
<td>BIO 101 Biology Survey</td>
<td>3</td>
</tr>
<tr>
<td>M437 Business Calculus M459 AP Calculus AB M449 AP Calculus AB M479 AP Calculus BC</td>
<td>MTH 134 Calculus for Social Scientist</td>
<td>4</td>
</tr>
<tr>
<td>B684 Business Management</td>
<td>MGT111 Introduction to Business Organization</td>
<td>3</td>
</tr>
<tr>
<td>Coming Soon</td>
<td>ACC101 Introduction to Financial Accounting</td>
<td>3</td>
</tr>
</tbody>
</table>

Early Credit High School Total Hours* 26+
Credit Hours

*Additional credit hours may be earned by scoring a 3, 4, or 5 on AP exams
Senior Year Math Courses

- M434 Data Modeling with Algebra (Transition Course)
- M635 Quantitative Literacy (Dual Credit)
- M647 College Algebra (Dual Credit)
- Business Calculus (Dual Credit)
- AP Calculus AB (Advanced Placement)
- AP Calculus BC (Advanced Placement)
- Multivariable Calculus (Dual Credit)
## Harper College Course Sequences

### Pre-Harper Summer
- MGT 111 Introduction to Business Organization 3

### Harper 1st Semester
- ENG 102 Composition 3
- ECO 211 Microeconomics 3
- Humanities/Fine Arts 3
- MTH 225 Business Statistics 4
- CIS 101 Introduction to Computer Information Systems 3 16

### Harper 2nd Semester
- ECO 212 Macroeconomics 3
- ACC 213 Legal Environment of Business 3
- Physical Science 4
- ACC 101 Introduction to Financial Accounting 4
- Humanities/Fine Arts 3 17

### Pre-NIU Summer
- ACC 102 Introduction to Managerial Accounting 3

### Harper College Total Hours
- 39

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- Now a HS Dual Credit Spring ’21
- AP English (3,4, or 5)
- AP Macroeconomics (3,4, or 5)
Northern Illinois University
Business Degrees

- Accountancy
- Entrepreneurship & Social Responsibility
- Finance
- Leadership & Management
- Marketing
- Human Resource Management
- Business Administration
- Operations & Information Management
Township High School District 211
Enrichment Opportunities

• Internships
• Business Professionals of America (BPA)
• Investment Club
• Entrepreneurship Club
• Student Council
214 Ready!
Discover Your Future

Megan Knight - Director for Academic Programs and Pathways
Erin Torrisi - Early College Program Supervisor
Redefining Ready!

**College Ready Indicators**
Students are **College Ready** if they meet either the academic indicators OR standardized testing benchmarks listed below.

**Academic Indicators**
GPA 2.8 out of 4.0 and **one or more** of the following academic indicators:
- Advanced Placement Exam (3+)
- Advanced Placement Course (A, B or C)
- Dual Credit College English and/or Math (A, B or C)
- College Developmental/Remedial English and/or Math (A, B or C)
- Algebra II (A, B or C)
- International Baccalaureate Exam (4+)

**Standardized Testing Benchmarks** (minimum score)
- SAT Exam: Math (530) | Reading and Writing (480)
- ACT Exam: English (18) | Reading (22) | Science (23) | Math (22)
- College Readiness Placement Assessment (determined by post secondary institution)

**Additional Factors that Contribute to College Success**
Earning As, Bs, Cs; FAFSA completion; enrollment in career pathway course sequence; college academic advising; participation in college bound bridge programs; senior year math class; completion of a math class after Algebra II.

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**Career Ready Indicators**
Students are **Career Ready** if they have identified a career interest and meet two of the behavioral and experiential benchmarks listed below. In addition, students entering the military upon graduation must meet the passing scores on the Armed Services Vocational Aptitude Battery (ASVAB) for each branch of the military.

**Career Cluster Identified and two or more of the following benchmarks:**
- 90% Attendance
- 25 hours of Community Service
- Workplace Learning Experience
- Industry Credential
- Dual Credit Career Pathway Course
- Two or more organized Co-Curricular Activities

**Life Ready**
Being **Life Ready** means students leave high school with the grit and perseverance to tackle and achieve their goals.

Students who are **Life Ready** possess the growth mindset that empowers them to approach their future with confidence, to dream big and to achieve big.

Our nation’s schools provide social and emotional support and experiences to equip students with the **Life Ready** skills they will need for success in their future.
15 Credits
2x's likely to complete

8
Postsecondary Partners
2018
Dual Credit and Advanced Placement

37,712
Through dual credit and Advanced Placement
90%  
Class of 2018  
Enrolled in Early College Coursework

67%  
9+ Early College Semester Hours Earned
$14.1M

COST SAVINGS
12.5%
2014-2015
Early College Success

85%
2018-2019
Early College Success
76%  
LATIN(X) EARLY COLLEGE SUCCESS
Math and English Redesign

95% OF ALL STUDENTS WILL EARN COLLEGE CREDIT OR BE COLLEGE READY

- AP Course Options
- Transition Course Options
- Dual Credit Course Options
Career Pathways

RE-ENVISIONED
PROGRAMS OF STUDY

- Sequence of courses beyond high school
- Workplace learning experiences
- Career certification or early college credit
Career Pathway Design
Guiding Principles

ADVISORY TEAM

PATHWAY DEVELOPMENT

RESEARCH & EVALUATION

IMPLEMENTATION & FUNDING
Career Pathways

9 Orientation Coursework
Introduction to Career

10 - Skill Development Coursework
Credential Attainment

1 Capstone Coursework
Early College Credit/Workplace Learning

11 Partnerships, Employment, and Higher Ed

Post High School
## Postsecondary and Career Expectations

### What students should know:

<table>
<thead>
<tr>
<th>A student should know:</th>
</tr>
</thead>
<tbody>
<tr>
<td>■ An understanding of graduation requirements and potential opportunities to take a career pathway course</td>
</tr>
<tr>
<td>■ One or two career clusters for further exploration and development</td>
</tr>
<tr>
<td>■ <strong>Redefining Ready!</strong>: The relationship between high school coursework, attendance and grades to post-secondary plans</td>
</tr>
<tr>
<td>■ Importance of community service and extracurricular activities to post-secondary and career plans</td>
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</tbody>
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<thead>
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<th>A student should know:</th>
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<tr>
<td>■ Benefit of early college credit opportunities to postsecondary access and completion</td>
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<tr>
<td>■ <strong>Redefining Ready!</strong>: General understanding of college readiness indicators</td>
</tr>
<tr>
<td>■ The importance of attending a career related activity or career event</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>A student should know:</th>
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<tbody>
<tr>
<td>■ Application deadlines, test timing, cost and prep for industry-based certification for career pathway</td>
</tr>
<tr>
<td>■ A comprehensive understanding of multiple post-secondary options and pathways</td>
</tr>
<tr>
<td>■ 3-5 match schools, one safety and one reach school for post-secondary program of study</td>
</tr>
<tr>
<td>■ Negative impact of remediation on post-secondary goals</td>
</tr>
<tr>
<td>■ Career attributes related to career interest</td>
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</tbody>
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<table>
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<th>A student should know:</th>
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</thead>
<tbody>
<tr>
<td>■ How career pathway courses and experiences articulate to degree programs and post-secondary options</td>
</tr>
<tr>
<td>■ Affordability of Postsecondary options in relation to expected entry-level career salary and anticipated debt</td>
</tr>
</tbody>
</table>

Adapted from the Illinois PaCE expectations and Redefining Ready! Indicators
Redefining the Senior Year

MODELS FOR PERSONALIZED LEARNING

How do you redesign the traditional school sequence to foster relevance and choice?
Questions or More Information?

DISCOVER214.ORG

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