

Pathway Plans

Diploma Content Taskforce
9/9/2014



AGRICULTURE



ARCHITECTURE & CONSTRUCTION



ARTS, AV, TECHNOLOGY & COMMUNICATION



BUSINESS & MARKETING



EDUCATION & TRAINING



HEALTH SCIENCE



HOSPITALITY & HUMAN SERVICES



INFORMATION TECHNOLOGY



MANUFACTURING



PUBLIC SAFETY



TRANSPORTATION



STEM



<p style="text-align: center;">AGRICULTURE</p> <ul style="list-style-type: none"> • Agribusiness • Horticulture & Landscape Management • Life Sciences 	<p style="text-align: center;">ARCHITECTURE & CONSTRUCTION</p> <ul style="list-style-type: none"> • Commercial & Residential Facilities • Construction Trades • Drafting & Design 	<p style="text-align: center;">ARTS, AV, TECHNOLOGY & COMMUNICATION</p> <ul style="list-style-type: none"> • Web & Digital Communications • Visual Arts
<p style="text-align: center;">BUSINESS & MARKETING</p> <ul style="list-style-type: none"> • Business Administration 	<p style="text-align: center;">EDUCATION & TRAINING</p> <ul style="list-style-type: none"> • Early Childhood Education 	<p style="text-align: center;">HEALTH SCIENCE</p> <ul style="list-style-type: none"> • Biotechnology • Dental • Health Care Specialties • Nursing
<p style="text-align: center;">HOSPITALITY & HUMAN SERVICES</p> <ul style="list-style-type: none"> • Cosmetology • Culinary Arts • Hospitality Management • Human & Social Services 	<p style="text-align: center;">INFORMATION TECHNOLOGY</p> <ul style="list-style-type: none"> • Programming • PC Networking & Support 	<p style="text-align: center;">MANUFACTURING</p> <ul style="list-style-type: none"> • Advanced Manufacturing • Electronics • Engineering • Logistics & Supply Chain Management • Machine Technology • Welding
<p style="text-align: center;">PUBLIC SAFETY</p> <ul style="list-style-type: none"> • Criminal Justice • EMT/Paramedic • Fire & Rescue 	<p style="text-align: center;">TRANSPORTATION</p> <ul style="list-style-type: none"> • Automotive Collision Repair • Automotive Technology • Aviation • Diesel Service Technology • Recreational & Mobile Equipment • Tractor-Trailer Operations 	<p style="text-align: center;">STEM</p> <ul style="list-style-type: none"> • Engineering

Pathways

Cluster: Business and Marketing | IDOE - Google Chrome
www.doe.in.gov/cte/cluster-business-and-marketing

Career and Technical Education

- Agriculture
- Business, Marketing and IT
- College & Career Pathways
- Engineering and Technology
- Family and Consumer Sciences
- Health Science
- Trade and Industrial
- Work Based Learning

Hoosier Family of Readers Resources

September

1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

All Events

Contact

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Every sector of the economy. The course frameworks for all courses in this content area include a course description, course specifications, and the state standards for that course. All course frameworks are indexed by subject/content area on the Indiana Academic Standards web page

Pathway: Business Administration

FOUNDATION COURSES FOR ALL STUDENTS IN THIS PATHWAY

- Introduction to Business
- Information Communication & Technology

CONCENTRATION: ACCOUNTING & FINANCE

- [Pathway Plan](#)
- Accounting
- Business Law and Ethics
- Financial Services

CONCENTRATION: ENTREPRENEURSHIP & MANAGEMENT

- Business Law and Ethics
- Principles of Business Management OR Principles of Marketing

Business Management Focus

- [Pathway Plan](#)
- Advanced Business Management

Entrepreneurship Focus

- [Pathway Plan](#)
- Entrepreneurship and New Ventures

CONCENTRATION: MARKETING MANAGEMENT

- Principles of Marketing OR Principles of Business Management
- Strategic Marketing

Sports & Entertainment Marketing Focus

- [Pathway Plan](#)
- Sports and Entertainment Marketing

Marketing Focus

- [Pathway Plan](#)
- Merchandising

Pathway Plan-Example

Indiana College and Career Pathway Plan – State Model									
Cluster: Business & Marketing					Pathway: Business Administration				
Concentration: Entrepreneurship & Management					Focus: Business Management				
Core 40 with Honors High School Graduation Plan*									
*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.									
Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.									
SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Health & Wellness/ Physical Ed	Preparing for College & Careers;		Digital Citizenship; Personal Financial Responsibility	World Language
	10	English 10	Geometry	Chemistry	Geography/History of the World or World History/Civilization	Introduction to Business;			World Language
	11	English 11	Algebra II	3 rd Core 40 Science	US History	**Principles of Business Management	**Accounting		World Language
	12	English 12	Math or Quantitative Reasoning		Government Economics	**Advanced Business Management		**Business Law & Ethics	Fine Arts
State specified Pathway Assessment: Dual Credit Finals									
Industry Recognized Certification: None									

Postsecondary Courses Aligned for Potential Dual Credit**	
**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives	
Ivy Tech	Vincennes University
<ul style="list-style-type: none"> BUSN 101 Introduction to Business BUSN 102 Business Law OFAD 121 Office Procedures and Team Dynamics 	<ul style="list-style-type: none"> ACCT 100 Basic College Accounting MGMT 100 Introduction to Business

STEM

Interdisciplinary Literacy

integrates

Science

Technology

Engineering

Math



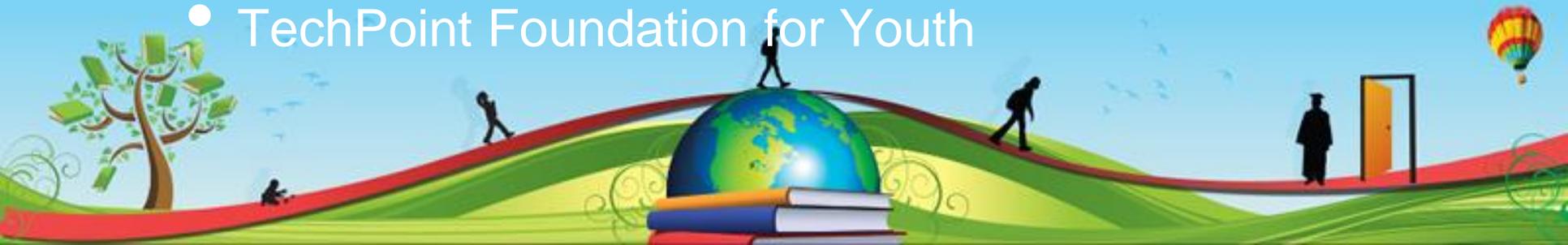
STEM Happenings

- PLTW Seniors intention to pursue a 4 year degree is at 97%
- Students completing a CTE program are more likely to graduate and earn college credits
 - Majority of CTE certifications are in STEM fields
 - More than 2300 regional business and industry are currently engaged in local CTE programs
- Pathways are being developed with local business and industry and post-secondary education
- I-STEM Resource Network



STEM Resources

- Indiana Afterschool Network
- Indiana STEM Resource Network
- EcO15
- Ethos Science Center
- Portal Resources for Indiana Science and Mathematics (PRISM)
- TechPoint Foundation for Youth



State Comparisons

INDIANA CORE40

Effective beginning with students who enter high school in 2012-13 school year (class of 2016).

Course and Credit Requirements

English/ Language Arts	8 credits Including a balance of literature, composition and speech.
Mathematics	6 credits (in grades 9-12) 2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra II <small>Or complete Integrated Math I, II, and III for 6 credits. Students must take a math or quantitative reasoning course each year in high school.</small>
Science	6 credits 2 credits: Biology I 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics 2 credits: any Core 40 science course
Social Studies	6 credits 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics 2 credits: World History/Civilization or Geography/History of the World
Directed Electives	5 credits World Languages Fine Arts Career and Technical Education
Physical Education	2 credits
Health and Wellness Electives*	1 credit
Electives*	6 credits <small>(College and Career Pathway courses recommended)</small>
40 Total State Credits Required	

Schools may have additional local graduation requirements that apply to all students

* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

12-07-2012

CORE40 with Academic Honors (minimum 47 credits)

For the **Core 40 with Academic Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
 - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
 - B. Earn 6 verifiable transcripted college credits in dual credit courses from the approved dual credit list.
 - C. Earn two of the following:
 1. A minimum of 3 verifiable transcripted college credits from the approved dual credit list,
 2. 2 credits in AP courses and corresponding AP exams,
 3. 2 credits in IB standard level courses and corresponding IB exams.
 - D. Earn a combined score of 1750 or higher on the SAT critical reading, mathematics and writing sections and a minimum score of 530 on each
 - E. Earn an ACT composite score of 26 or higher and complete written section
 - F. Earn 4 credits in IB courses and take corresponding IB exams.

CORE40 with Technical Honors (minimum 47 credits)

For the **Core 40 with Technical Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
 1. State approved, industry recognized certification or credential, or
 2. Pathway dual credits from the approved dual credit list resulting in 6 transcripted college credits
- Earn a grade of "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following,
 - A. Any one of the options (A - F) of the Core 40 with Academic Honors
 - B. Earn the following scores or higher on WorkKeys; Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information–Level 5.
 - C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
 - D. Earn the following minimum score(s) on Compass; Algebra 66 , Writing 70, Reading 80.