Supporting Graduation Pathways with PESC in Indiana eTranscripts

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PESC®

INDIANA COMMISSION for HIGHER EDUCATION

parchment

SPRING 2019 DATA SUMMIT
MAY 7 – 10, 2019 | WASHINGTON, D.C.

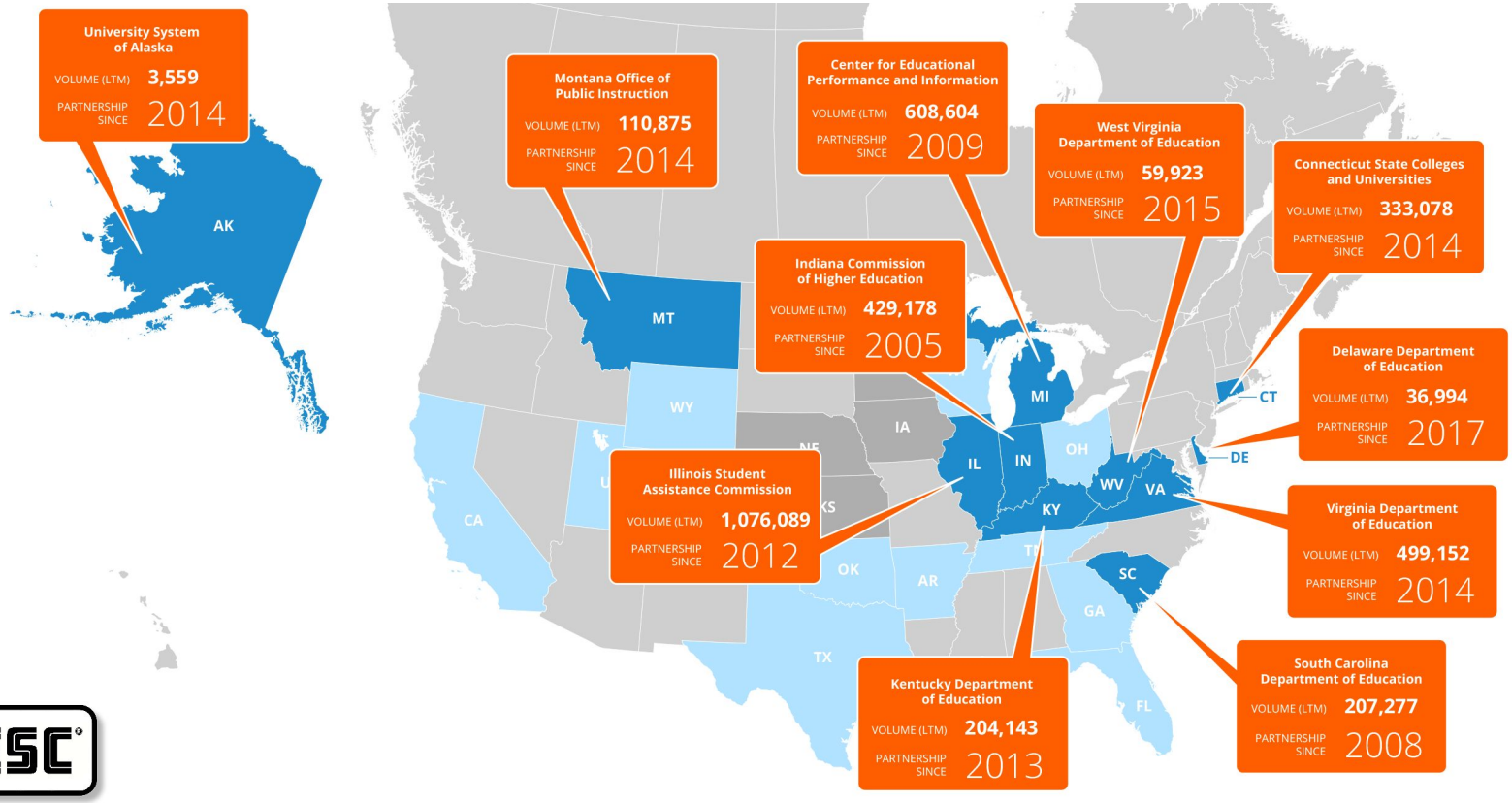
Indiana eTranscript Program

- Started in 2005, made statutory in 2013
- Built on a mandated common high school transcript and PESC XML schema
- Funded through a line item appropriation to the Commission for Higher Education
- Interlocking responsibilities for:
    - Commission for Higher Education
    - Department of Education
    - Public colleges and universities

Indiana eTranscript Program (continued)

- Use Parchment as our platform
- Parchment automatically sends transcripts both as PDF images and XML data files (if available)
- 100% of high schools send 100% of their transcripts as PDF images
- Want 100% of high schools to send 100% of their transcripts as XML data files (**Naviance and Common App currently obstacles** to this)
- Need to **modify the PESC XML schema** to accommodate new fields mandated by the **new graduation pathways**

US State-sponsored Transcript Initiatives



New Graduation Pathways in Indiana

Beginning with the **2022-23 graduating class**, all high school students must:

- **Demonstrate college or career readiness** through
- A **graduation pathway** established by the State Board of Education in collaboration with the:
  - Commission for Higher Education
  - Department of Workforce Development

Demonstrating College Readiness (1 of 2)

Postsecondary-ready competencies are demonstrated through one or more of the following:

- Earning a Academic or Technical **Honors Diploma**
- Completing three **AP** or **IB** or **dual credit** or **Cambridge International** courses
- Passing three **CLEP** exams
- Meeting **ACT** or **SAT** college-ready **benchmarks***
- Earning a minimum **AFQT score** on ASVAB battery of tests*

(continued on next slide)

*score supported without benchmark

Demonstrating College Readiness (2 of 2)

- Completing a **locally created pathway**
- Earning a state- or industry-recognized credential or **certification**
- Completing [all or part of] a **federally recognized apprenticeship,** i.e. one administered by the US Department of Labor
- Completing a Career and Technical Education or **CTE concentrator**

Demonstrating Career Readiness

Employability skills are demonstrated through one or more of the following:

- **Project-based learning (PBL)** experience meeting design principles adopted from the **Buck Institute of Education**
- **Service-based learning (SBL)** experience meeting design principles adopted from the **National Youth Leadership Council**
- **Work-based learning (WBL)** experience meeting design principles adopted from the **National Governors Association's** *State Strategies to Scale Quality Work-Based Learning*

Tools to Manage Pathways

Two focus areas for this initiative are:

School-based tracking - to manage pathways Indiana high schools will need to centralize and track each students pathways selection and progress towards individual goals

eTranscript - extend the data available for both exchange and reporting purposes

Connecting Evolving Needs to Standards

As the technical partner to ICHE, Parchment provides guidance on accommodating evolving data needs through the PESC standards

This project presented a need in the schema to represent additional attributes that combine to describe the pathway each individual student followed in earning their diploma

IN Common Transcript Data Elements

v.21 - 5/20/2016

Please note the following:

1) Source code for all PESC data elements can be found at http://www.pesc.org/library/docs/standards/High%20School%20Transcript/XML%20HS%20Transcript%20Impl%20Guide%20Version%201.3.0%202012%2007%2026.pdf

2) Schools may add other transcript data as desired/needed. Additional data elements need to be mapped to PESC if sent as XML to Parchment. Please refer to the PESC implementation guide for mapping User Defined Extensions.

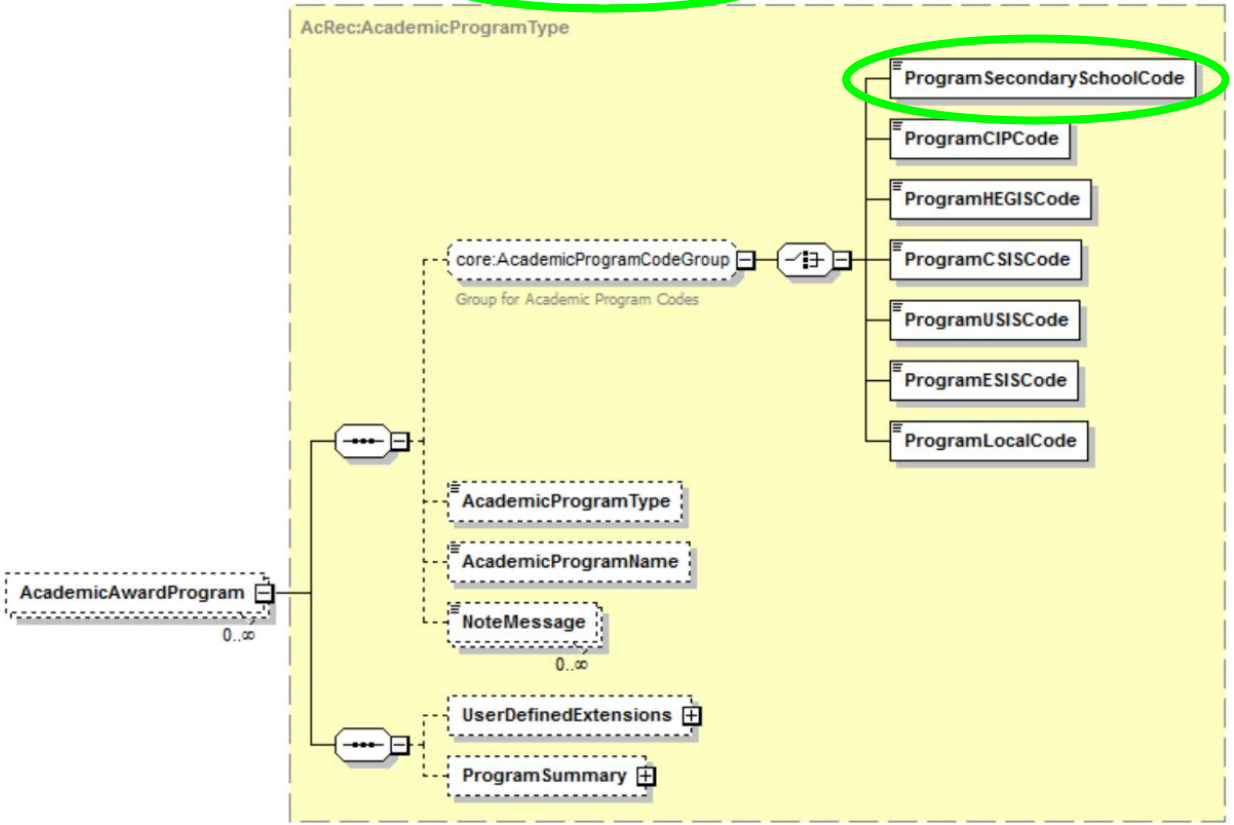
School/District Elements

	Public Name	Field Name	Field Status	PESC Status	Format	PESC Data Element	Element Description	Max Length	Mapping/Comment
1	CEEB Code	CEEBACT Code	CT - R	Req	minOcc = 0 maxOcc = 1	TransmissionData.Source.Organization.CEEBACT	The unique identifier assigned by the College Entrance Examining Board and ACT for each K-12 data exchange partner	minLength = 6 maxLength = 6	MAP TO: SORHSCH_SBGI_CODE
2	Local School ID	Local Organization ID Code	CT - R	Opt [1]	minOcc = 1 maxOcc = 1	TransmissionData.Source.Organization.LocalOrganizationID. LocalOrganizationIDCode	The code assigned for the receiving school by the state, province or other mutually defined agency specified in the LocalIDQualifier that follows	35 characters	MAP TO: Nothing in Banner
3	Local School State	Local Organization ID Qualifier	CT - R	Opt	minOcc = 1 maxOcc = 1	TransmissionData.Source.Organization.LocalOrganizationID. LocalOrganizationIDQualifier	This is the state, province or other mutually definded agency that assigned the Local Organization ID Code above. (IN)	2 characters Enumerations: See Code Set in Appendix A	MAP TO: Nothing in Banner
4	District Name	School District Name	Recc	Recc	minOcc = 0 maxOcc = ∞	TransmissionData.Source.Organization.OrganizationName	The name of the school system the student belongs to	60 characters	MAP TO: Nothing in Banner
5	High School Name	School Name	Recc	Recc	minOcc = 0 maxOcc = ∞	TransmissionData.Source.Organization.OrganizationName	The name of the school from which the transcript is issued	60 characters	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
6	School Address	School Address Line One	Recc	Recc	minOcc = 1 maxOcc = 3	TransmissionData.Source.Organization.Contacts.Address.AddressLine	Local delivery information such as street, building number, PO box, or apartment portion of a postal address of a Contact at the Sending (Source) High School.	40 characters	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
7	School Address	School Address Line Two	Recc	Recc	minOcc = 1 maxOcc = 3	TransmissionData.Source.Organization.Contacts.Address.AddressLine	Second line of mailing address of the school	40 characters	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
8	School City	School City	Recc	Recc	minOcc = 1 maxOcc = 1	TransmissionData.Source.Organization.Contacts.Address.City	The city portion of the Address of a Contact at the Sending (Source) High School	minLength = 2 maxLength = 30	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
9	School State	School State	Recc	Recc	minOcc = 1 maxOcc = 1	TransmissionData.Source.Organization.Contacts.Address. StateProvinceCode	Code for US states, etc., and Canadian provinces.	2 characters Enumerations: See Appendix A	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
10	School Postal Code	School ZIP Code	Recc	Recc	minOcc = 1 maxOcc = 1	TransmissionData.Source.Organization.Contacts.Address.PostalCode	The postal code portion of the Address.	17 characters	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
11	School Phone number	School Phone Area Code	Recc	Recc	minOcc = 0 maxOcc = 1	TransmissionData.Source.Organization.Contacts.Phone.AreaCityCode	The phone number of the school office	5 characters	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
12	School Phone number	School Phone Number	CT - R	Recc	minOcc = 1 maxOcc = 1	TransmissionData.Source.Organization.Contacts.Phone.PhoneNumber	The phone number of the school office	11 characters	MAP TO: Nothing in Banner unless we will load STVSBGI from this data
13	Receiving School	ATP Code of receiver	CT - R	Req	minOcc = 0 maxOcc = 1	TransmissionData.Destination.Organization.ATP	ATP Code of the receiving institution	minLength = 6 maxLength = 6	MAP TO: Nothing in Banner
14	Receiving School	Name of receiver	CT - R	Req	minOcc = 0 maxOcc = ∞	TransmissionData.Destination.Organization.OrganizationName	Name of the receiving institution	minLength = 1 maxLength = 60	MAP TO: Nothing in Banner

Student/Guardian Elements

15	School Assigned ID	Local Student ID	CT - R	Req	minOcc = 0 maxOcc = 1	Student.Person.SchoolAssignedPersonID	This is the student's ID at the source or sending school. It is recommended that this ID number be included, even if the student ID number used is an Agency Assigned ID.	20 characters	MAP TO: GORADID_ADDITIONAL_ID (NOTE: need to assign a code in the field GORADID_ADID_CODE)
16	State Assigned ID	State Student ID	CT - R	Recc	minOcc = 1 maxOcc = 1	Student.Person.Agency Identifier.AgencyAssignedID	An identification number that has been assigned to the student by a state or province or other agency	30 characters	MAP TO: GORADID_ADDITIONAL_ID (NOTE: need to assign a code in the field GORADID_ADID_CODE)
17	State Assigned Agency	Assigning Agency	CT - R	Recc	minOcc = 1 maxOcc = 1	Student.Person.Agency Identifier.AgencyCode	A code that describes the type of agency that assigned the student's identification number	Specific Enumerations: District Migrant MutuallyDefined National Regional State	MAP TO: Nothing in Banner

Student.AcademicRecord.AcademicAward.AcademicAwardProgram



Code indicating the type of secondary school program or award that a student is pursuing

Recommended

<u>Enumerations</u>
CareerPrep
CollegePrep
CollegePrepOrCollegeTechPrep
CollegeTechPrep
General
Occupational
Vocational

Max Occurances: 1

Extending the data for AcademicAward

Graduation Requirements	Graduation Pathway Options
1) **High School Diploma**	Meet the statutorily defined diploma credit and curricular requirements.
2) **Learn and Demonstrate Employability Skills**[1] (Students must complete *at least one* of the following.)	Learn employability skills standards through locally developed programs. Employability skills are demonstrated by one the following: • **Project-Based Learning Experience**; OR • **Service-Based Learning Experience**; OR • **Work-Based Learning Experience.**[2]
3) **Postsecondary-Ready Competencies**[3] (Students must complete *at least one* of the following.)	• **Honors Diploma**: Fulfill all requirements of either the Academic or Technical Honors diploma; OR • **ACT**: College-ready benchmarks; OR • **SAT**: College-ready benchmarks; OR • **ASVAB**: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; OR • **State- and Industry-recognized Credential or Certification;** OR • **Federally-recognized Apprenticeship**; OR • **Career-Technical Education Concentrator**[4]**:** Must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study; OR • **AP/IB/Dual Credit/Cambridge International courses**[5] **or CLEP Exams:** Must earn a C average or higher in at least three courses; OR • **Locally created pathway** that meets the framework from and earns the approval of the State Board of Education.

Update from Max Occurance 1 to ∞

Enumerations

CareerPrep
CollegePrep
CollegePrepOrCollegeTechPrep
CollegeTechPrep
General
Occupational
Vocational

Additional New Enumerations

ProjectBased
WorkBased
ServiceBased
Apprenticeship
AssessmentBenchmark
Local
IndustryCredential
IndustryCertification
CareerandTechnicalEducation

Extending the data for AcademicAward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PESC

Enhancing the Design of the Transcript

Parchment Transcript Report

Prepared for: Vincennes University (All Campus Locations) on 03/22/2019
DID#:
Parchment Student ID:
Page 2 of 2

Student Name:	
Diploma: Core 40 with Academic Honors (AHD)	
Diploma Type: B19	
Grade: 12th Grade	Gender: Female
Student ID:	
State ID	
Date of Birth	
Student Address:	

HIGH SCHOOL DIPLOMA

NOT SATISFIED
Class Of: 2018

LEARN & DEMOSTRATE EMPLOYABILITY SKILLS

NOT SATISFIED

POSTSECONDARY-READY COMPETENCIES

NOT SATISFIED

Enter Date: 07/31/2014	

Crs ID	Course Title	Mark	Credit
Brownsburg High School 9th Grade (2014-2015)			
5218 5931	PRINCIPLES BIOMED SCI* (PRINCIPLES BIOMED SCI*)	B+	1
3542 8011	PHYSICAL EDUCATION I (PHYSICAL EDUCATION I)	A	1
2532 211	GEOMETRY (GEOMETRY)	A-	1
1570 425	GEOG & HISTORY OF THE WORLD (GEOG & HISTORY OF THE WORLD)	A-	1
4172 7605	FRESHMAN ORCHESTRA (FRESHMAN ORCHESTRA)	A+	1
2020 501	FRENCH I (FRENCH I)	A	1
1002 103	ENGLISH 9 (ENGLISH 9)	A-	1
3024 307	BIOLOGY I (BIOLOGY I)	A+	1

Enhancing the Design of the Transcript

HIGH SCHOOL DIPLOMA

COMPLETE
Class Of: 2018
Graduation Date: 06/02/2018

LEARN & DEMOSTRATE EMPLOYABILITY SKILLS

NOT SATISFIED

POSTSECONDARY-READY COMPETENCIES

NOT SATISFIED

HIGH SCHOOL DIPLOMA

COMPLETE
Class Of: 2018
Graduation Date: 06/02/2018

LEARN & DEMOSTRATE EMPLOYABILITY SKILLS

2 COMPLETE
Service-Based Learning Experience
Work-Based Learning Experience

POSTSECONDARY-READY COMPETENCIES

2 COMPLETE
ASVAB
Federally-recognized Apprenticeship

HIGH SCHOOL DIPLOMA

COMPLETE
Class Of: 2018
Graduation Date: 06/02/2018

LEARN & DEMOSTRATE EMPLOYABILITY SKILLS

2 COMPLETE
Project-Based Learning Experience
Work-Based Learning Experience

POSTSECONDARY-READY COMPETENCIES

3 COMPLETE
Honors Diploma
ACT
SAT

PESC

Steps and Timeline for Changes

- Design potential changes to schema
- Change Control process within PESC to version up the transcript schema
- Update Indiana eTranscript documentation - *Summer 2019*
- Communicate changes to High School Student Information Systems vendors for 2019-20 implementation
- Build API support in Parchment for newest PESC version and transcript design - *Fall 2019*
- Test updates with SIS vendors - *through Spring 2020*
- Communicate changes to High School counselor communities - *ahead of 2020 graduation*

Parchment Transcript Report

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DID#:
Parchment Student ID:
Page 2 of 2

Student Name:	
Diploma: Core 40 with Academic Honors (AHD)	
Diploma Type: B19	
Grade: 12th Grade	Gender: Female
Student ID:	
State ID	
Date of Birth	
Student Address:	

HIGH SCHOOL DIPLOMA

COMPLETE
Class Of: 2018
Graduation Date: 06/02/2018

LEARN & DEMOSTRATE EMPLOYABILITY SKILLS

2 COMPLETE
Project-Based Learning Experience
Work-Based Learning Experience

POSTSECONDARY-READY COMPETENCIES

3 COMPLETE
Honors Diploma
ACT
SAT

Enter Date: 07/31/2014	

Crs ID	Course Title	Mark	Credit
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1570 425	GEOG & HISTORY OF THE WORLD (GEOG & HISTORY OF THE WORLD)	A-	1
4172 7605	FRESHMAN ORCHESTRA (FRESHMAN ORCHESTRA)	A+	1
2020 501	FRENCH I (FRENCH I)	A	1
1002 103	ENGLISH 9 (ENGLISH 9)	A-	1
3024 307	BIOLOGY I (BIOLOGY I)	A+	1

Future thoughts for AcademicAward

- Support standardized code for each area or linked data schemas
- Evidence references for Apprenticeship and Certification
- Other metadata that enhances the individual level of detail

THANK YOU!

QUESTIONS & ANSWERS