# AACRAO Transfer & Articulation Community of Practice Forum

February 23: Student Information Systems

# Today's Topic: Leveraging Student Information Systems in Transfer

Student Information Systems (SIS) can be like the deep pockets of the ocean

- Vast and uncharted with so many opportunities to learn
- Long and unknown history
  - Limited information why SIS's are set up the way they are
  - Proceed with caution
- Possess unexpected and powerful potential
  - Tapping into resources institutions possess
  - Data reporting
  - Historical records
  - Scripts, jobs, and hook-ups to third party tools for better business processes



# **Focus Questions**

- What features within your SIS do you leverage to aid transfer articulation business processes? (For example, transfer course articulation rules, calendar conversion, course description storage, importing partner institutions' course catalogs, institution profiles, etc.)
- How do you add credit for prior learning to student records using your SIS?
- Do you store transfer course equivalency data within your SIS? If yes, how do you maintain this data over time?
- Have you leveraged your SIS to collect statistical data pertinent to transfer and articulation? If yes, what?
- How do you assign institution ID's to transfer institutions? IPEDS ID's, College Board CEEB codes, or something else?
  - O Do you have a process for college networks which have multiple institutions but one central course catalog:
  - o For example: Ivy Tech Community Colleges, Maricopa Community College, City Colleges of Chicago, etc.
- Do you connect your SIS with other tools or products (such as Collegesource, Degreeworks, homegrown tool) to aid transfer articulation? If yes, what other tools do you link up with?



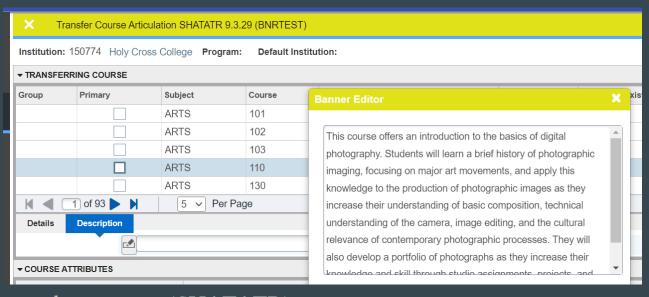


# Banner

•••

Audrie Smith, Assoc. Director : Eastern Kentucky University Josie Martinez, Asst. Registrar: University of Notre Dame

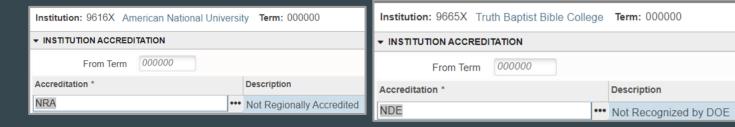
# Ellucian Banner



- Transfer course equivalency data storage (SHATATR)
- Calendar conversion calculator (STVCALD)
  - Ind. Student prior college to report new transcripts (SOAPCOL)
- SOABGTA Institution profiles
  - Institution attributes (EKU)
- SHATAEO
  - Placeholder courses (EKU)
- Smart codes for course not equivalent to what we offer (SCADETL & SCACRSE)

# Banner - SOABGTA & Institution Attributes

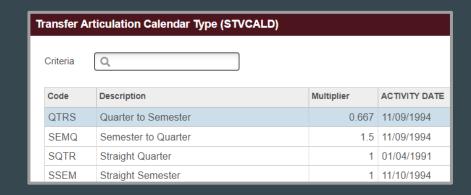
SOABGTA Attributes help organize which schools are accepted in transfer.



#### STVCALD can be accessed from SOABGTA

#### Academic Calendar Credit Hour Conversion





# Banner - SHATAEQ & Placeholders

Courses recorded to student academic history requiring department evaluation= "N100"-placeholder course

Elective courses with no direct EKU equivalency= "X100"-elective course

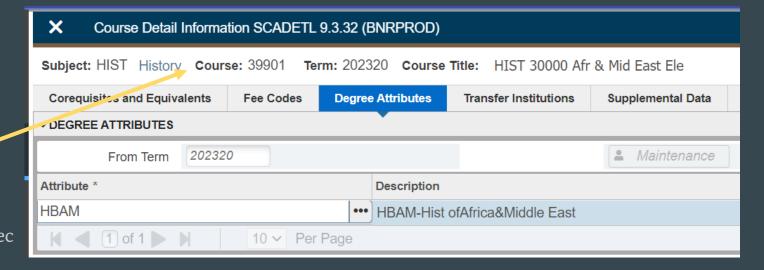
Atten Period	Term	Level	Transfer Group	Transfer Primary Ind	Transfer Subject	Transfer Course	Transfer Credit Hours	Transfer Grade	Transfer Duplicate	Transfer Title	Articulate Ind
1	202020	UG			ENG	106	3.000	С			No equivalent

Placeholder courses are created without leaving SHATAEQ.

Atten Period	Term	Level	Transfer Group	Transfer Primary Ind	Transfer Subject	Transfer Course	Transfer Credit Hours		Transfer Duplicate	Transfer Title	Articulate Ind	Equiva Level	Equivalent Subject	The state of the s	Equivalent Credit Hours	Equiva Grade		Equivalent Repeat	Repeat	Equiv Count in GPA	Equivalent Title
1	202020	UG			ENG	106	3.000	С		English Course	Successful	UG	EKU	N100	3.000	С	Т	(None)	(None)	Υ	English Course

# Ellucian Banner - SCACRSE & SCADETL - Smart Codes

Course	Title	Credits	Repeatable	Requirements Met
HIST X9901	HIST 10000 Africa & Middle East History Elective	0-99	Yes	History of Africa & Middle East
HIST X9902	HIST 10000 Asian History Elective	0-99	Yes	History of Asia



1st = Level 2nd (9) = Transfer \*3rd (9) = Dept Elec

# Banner - CPL, Military

Most credit for prior learning is viewed and entered in the system as transfer credit.

External Exam Credit Military MOA/MOU

#### VETS|Ready Opportunity Portal

Branch

Military
Training/Occupation

Rank

Training Dates

# Military Rank N/A > Training Dates 10/16-Present > OSH 410W SAFETY MANAGEMENT SYSTEMS (3) OSH 412 SAFETY & HEALTH PROGRAM MANAGEMENT (3) OSH x3003 DEPARTMENTAL ELECTIVE CREDIT (3) OSH x5003 DEPARTMENTAL ELECTIVE CREDIT (3) Total Credits: 12 Suggested Program: BS in Occupational Safety. Explore all Safety, Security & Emergency Management degree programs

Explore all College of Justice, Safety & Military Science degree programs

#### OLD: Branch Identification

NAVY	1250	Digital Principles
NAVY	1081	Solid State Electronics
NAVY	1526	Basic Electronics Lab
NAVY	1449	Microprocessors
NAVY	1730	Control Systems

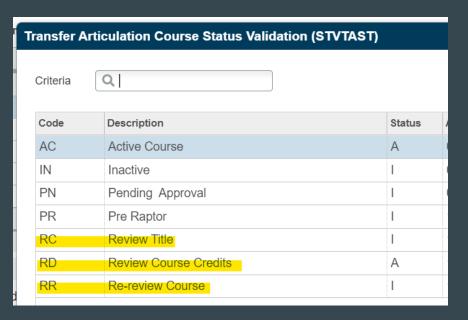
#### **NEW:** ACE Identification

AR-0326	0065-V1	Defense Distribution Man
AR-0419	0046-V1	Cargo Specialist
AR-0419	0046-V2	Cargo Specialist
AR-0419	0046-V4	Cargo Specialist
AR-0419	0046-V5	Cargo Specialist

# Banner Ellucian

- Transfer Data from SIS:
  - SHATATR Report: % of courses mapped to direct equivalents, electives, etc.
  - SHATRNS: # of transfer records created within date range
  - SHATRNS: # of students w/ transfer credit from different institutions (difficult to sort out TRANSFERS from students w/ transfer credit)
  - SHANCRS: Non-course attributes applied individually to students part of articulation agreements, status (completed requirements, in-progress, etc.)

# Ellucian Banner -Maintaining EQ Data



- Notre Dame uses transcript scanning product & custom built API create course information in SHATATC
- API has 3 checks in place when creating courses in SHATATC
  - Course already exists? Yes > Title different from prev.? > Yes > RC Review Title
  - Course already exists? Yes > Credits different from prev.? > Yes > Review Course Credits
  - Course already exists? Yes > Attached to term 5 years or longer? Yes > Re-review Course

# Ellucian Banner

- Transfer institution ID codes
  - EKU: CEEB codes & institution created codes (start with X)
  - ND: IPEDS & institution created codes (start with an alphabet letter)
  - Multi-campus networks (EKU)
    - Individual campus code recorded on student prior college record
    - One single code created for network and equivalencies established under one code
- Other tools connected to SIS
  - Degreeworks (degree audit)
  - ND: Raptor transcript reading program

• • •

Kimberly Mayfield, Transfer Operations: Indiana University

#### Indiana University campuses

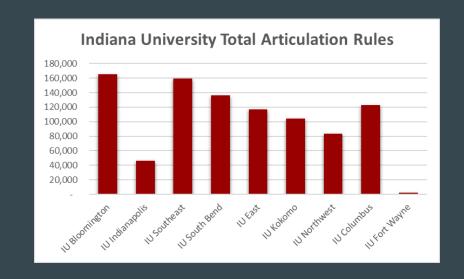
- IU Bloomington
- IU Indianapolis
  - o IU Columbus
  - o IU Fort Wayne
- IU Kokomo
- IU Northwest
- IU Southeast
- IU East
- IU South Bend
- IU Online

#### IU Credit and Transfer Setup

- Shared
  - Master Catalog
  - External Org Catalog
  - External Org IDs
- Individual
  - Campus Catalog
  - Articulation Rule Database
  - Evaluation Process



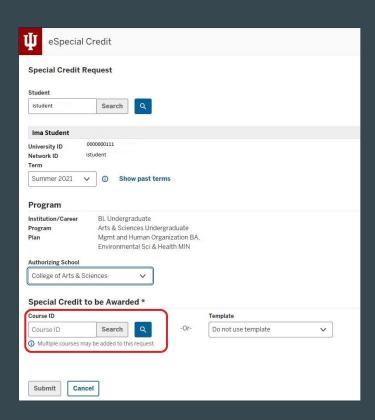
- What features within your SIS do you leverage to aid transfer articulation business processes?
  - Store and maintain transfer course articulation rules in PeopleSoft.
    - Over 930,000 rules across all IU campuses
    - IUI is restructuring rules so number listed is not accurate
  - Rules automatically applied to student records when admitted
  - o External Org Catalog
    - Contains basic course info; such as course subject and number, name, credit hours, etc.





- How do you add credit for prior learning to student records using your SIS?
  - eSpecial Credit Process
    - Fireform utilized for evaluation process
      - Connects with SIS to utilize student info and course catalogs
      - Automated routing
    - Approvers may include; Dean, Bursar, Student, and Registrar
    - Records updates student record when they received the completed form
    - Other Credits Manual page in SIS used to apply credit



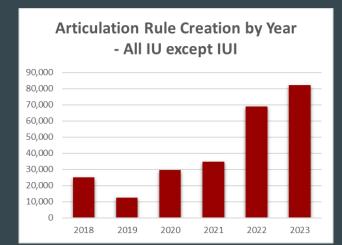


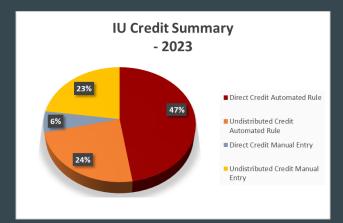
- Do you store transfer course equivalency data within your SIS? If yes, how do you maintain this data over time?
  - Articulation rules are stored in Peoplesoft for automated processes
  - Some historical articulation rule data is available but no specific dates
  - Articulation rules are grouped by External Course Subject
    - Chunks up the mass amount of rules
    - Allows for easy update to subject groups
  - o Faculty reevaluate courses as needed
    - No centralized process to assist in reevaluating transfer courses
  - Evaluation activities and outcomes cannot be stored in Peoplesoft
    - TES houses evaluation task data



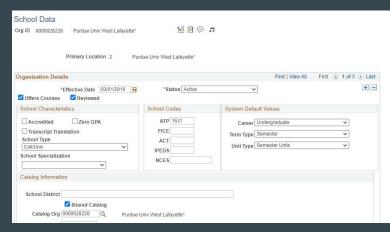
- Have you leveraged your SIS to collect statistical data pertinent to transfer and articulation? If yes, what?
  - IU Institutional Analytics takes snapshots of data and compiles reports
    - Used for official reporting
  - IU Information Environment reporting and analytics database
    - My team pulls monthly data that includes number of rules created, student records processed, number of external subjects and courses added to the external org catalog, etc.
    - Auditing and other problem solving reports created on an ad hoc basis







- How do you assign institution ID's to transfer institutions?
   IPEDS ID's, College Board CEEB codes, or something else?
  - All of the above.
    - Currently trying to unify data
    - Been through many different processes and standards over the years
  - Multi-campus networks
    - Currently only Ivy Tech is set-up where we use one ID for transcript indexing.
      - When students fill out their application they can still chose a specific campus but then transfer credit is entered under the umbrella ID
    - For other institutions we copy the rules across all the campuses.
      - SmartPanda Rule Import helps us with this work.





- Do you connect your SIS with other tools or products (such as Collegesource, Degreeworks, homegrown tool) to aid transfer articulation? If yes, what other tools do you link up with?
  - OnBase document database
    - Embedded button in Peoplesoft Education Panel to directly open transcripts
  - Credit Explorer homegrown public view of articulation rules
    - Pulls directly from the data in Peoplesoft
    - transferguide.iu.edu/ooe
  - **Collegesource TES** & TES API
    - Use TES for course descriptions
    - API automatically creates evaluation tasks in TES when triggered by activity in Peoplesoft
      - Shows other IU campus equivalencies
      - Only Regional campuses use API
  - SmartPanda Rule Maker
    - Batch create articulation rules
    - Create rules while processing individual student records



# Colleague

• • •

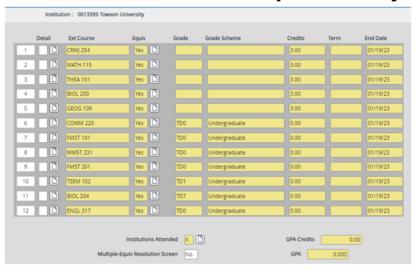
Jacquie Rogers-Frere, Director: Saint Mary's College of Maryland Becky Price: College of Southern Maryland

# Ellucian Colleague

- With the passage of Transfer with Success Act, College of Southern Maryland created new processes in Colleague (without creating custom screens) to help track not only transfer credits that are approved, but also transfer courses that are denied and the rationale why.
  - Using this process, CSM is able to run reports on the length of evaluations and on transfer denial courses.
- We use the same screens/processes for applying CPL that we do for transfer credit, but students receive a "PA" grade instead of a "TR" grade.
- We store equivalencies in the TCEQ screen. Working on a project to end date any
  equivalencies over 5 years old. CSM is using TES to manage the course evaluation
  process.
- Utilize CROA (connected) and TES (not connected) to help with our processes.

# **Colleague Transfer Screens**

#### **EXTS – External Transcript Summary**



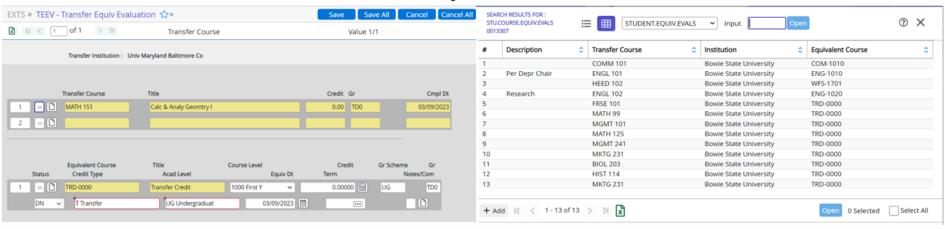
#### **EXTR - External Transcript Summary**

EXTS • EXTR - External Transcript	Save Save All Cancel Cancel All
ID: Marrier SSN	Recrui
Institution: 0013307 Bowie St	ate University
External Course	MATHERES Status D Denied   V
Start Date	SPEEDE SPEEDE
End Date	01/05/2023 📋
Title	College Algebra
Credits	000
Grade Scheme	UG Undergraduate
Grade	<b>107</b>
Interim Grade/Date	
Term	
Category	· ·
Comments	
Notes  1 DENY? Unsatisfactory Grade	01/05/23 (till)
2	01/07/23 (2)
Institutions A	
II GUUUUI A	



# **Colleague Transfer Screens (cont.)**

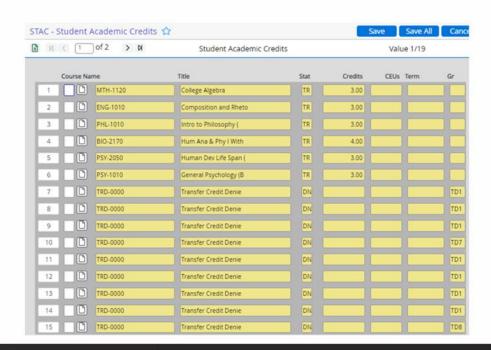
#### **TEEV – Transfer Equiv Evaluation**





# **STAC**

- Courses that were successfully transferred will have course name and TR status entered
- Courses that were not transferred into the institution will be identified as TRD-0000 and will have denial reasons coded as grades
- Only courses that are successfully transferred in will be included on a student's transcript and will be included in financial aid eligibility calculations





# **Self Service Transfer Report**

Bowle State University ^												
	0	Credits	Grade	Completion Date	Equivalent Course/Subject/Course Level	¢	Credits	Grade/Dept	Academic Level 🗘	Restrict to Academic Programs		
COMM 101/Oral Communications		3.00		1/5/2023	COM-1010		3.00		Undergraduate Level			
ENGL 101/Composition & Lit I		3.00	35.5	1/5/2023	ENG-1010		3.00		Undergraduate Level			
HEED 102/Life and Health		3.00	*	1/5/2023	WFS-1701		3.00		Undergraduate Level			
ENGL 102/Comp & Lit II		3.00	4	1/5/2023	ENG-1020		3.00	*	Undergraduate Level			
FRSE 101/Freshman Seminar		0.00	TDO	1/5/2023	TRD-0000		0.00	TDO	Undergraduate Level			
MATH 99/Transition to College Math		0.00	TD4	1/5/2023	TRD-0000		0.00	TD4	Undergraduate Level			
MGMT 101/intro to Business		0.00	TDO	1/5/2023	TRD-0000		0.00	TDO	Undergraduate Level			

All credits that are transferred into the College of Southern Maryland will apply to the students' current program. How these credits apply to your program can be viewed on the My Progress page. Beginning August 1, 2022 students transferring in from a Maryland Public Institution will be able to view what college credit was not applied and the reasoning using the following key:

TD0 - Program Requirement Already Fulfilled

TD1 - Not Applicable to Program

TD2 - Unique Discipline or Course

TD3 - Does Not Meet Objectives/hrs

TD4 - Developmental Course

TD5 - Graduate Level Course

TD6 - Institution Not Accredited

TD7 - Unsatisfactory Grade

TD8 - Course in Progress

TD9 - Received Credit at Another Institution

**TDP - Transcript Evaluation Pending** 

TDT - Credit Through Testing

TDN - Request to Not Evaluate

TDL - Credit Limit Reached



# **Credit Evaluation Tracking Reports**

Daily Transcript Denial Report – All Decisions

Program of Study	Institution	Transfer Course	Transfer Title	Credits	Grade	Grade Key	CSM's Decision	CSM's Decision Date	Institution's Decision	Institution's Decision Date
	Towson University	MATH 263 RETAKE	Discrete Math	0.00	TD7	Unsatisfactory Grade	Unsatisfactory Grade	2/9/2023		
Pre-Professional Health Science, AS	Towson University	DFST 204	American Sign Lang III	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Pre-Professional Health Science, AS	Towson University	MUSC 205	Women in Westn Music	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Pre-Professional Health Science, AS	Towson University	NURS 347	Hith Assmnt Across Life Span	0.00	TD2	Unique Discipline Or Course	Unique Discipline Or Course	2/9/2023		
Pre-Professional Health Science, AS	Towson University	NURS 356	Adult Hith Nurs I: Found Lec	0.00	TD2	Unique Discipline Or Course	Unique Discipline Or Course	2/9/2023		
Pre-Professional Health Science, AS	Towson University	NURS 356C	Adit Hith Nurs I: Found Cin	0.00	TD2	Unique Discipline Or Course	Unique Discipline Or Course	2/9/2023		
Pre-Professional Health Science, AS	Towson University	NURS 361	Pharmacology	0.00	TD2	Unique Discipline Or Course	Unique Discipline Or Course	2/9/2023		
Pre-Professional Health Science, AS	Towson University	NURS 365	Pathophysiology	0.00	TD2	Unique Discipline Or Course	Unique Discipline Or Course	2/9/2023		
Pre-Professional Health Science, AS	Towson University	SPAN 201	Spanish Intermediate I	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Pre-Professional Health Science, AS	Towson University	SPPA 101	Intro Human Comm & Its Variant	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Accounting, AAS	Towson University	ACCT 421	Advanced Accounting	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Accounting, AAS	Towson University	ACCT 680	Taxation of Entities	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Accounting, AAS	Towson University	MKTG 445	Global Marketing	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Computer Science, AS	Towson University	ACCT 341	Cost Accounting I	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Computer Science, AS	Towson University	ACCT 361	Tax Accounting I	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Computer Science, AS	Towson University	ASTR 161	Astronomy I	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Computer Science, AS	Towson University	COSC 236	Intro to Cosc I	0.00	TD7	Unsatisfactory Grade	Unsatisfactory Grade	2/9/2023		
Computer Science, AS	Towson University	ECON 470	Advanced Topics in Economics	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		
Computer Science, AS	Towson University	GEOG 101	Physical Geography	0.00	TD8	Course in Progress	Course in Progress	2/9/2023		



## Benefits

#### For Students

- •Better understanding of what courses did not transfer to the new institution and why those credits were not approved.
- •Can see individual course listing on Self Service, along with denial reason (if applicable).
- •Cuts down on questions coming into the registrar's office.
- •Potential for streamlined re-evaluation situations when a student changes programs.

•

#### **For Institutions**

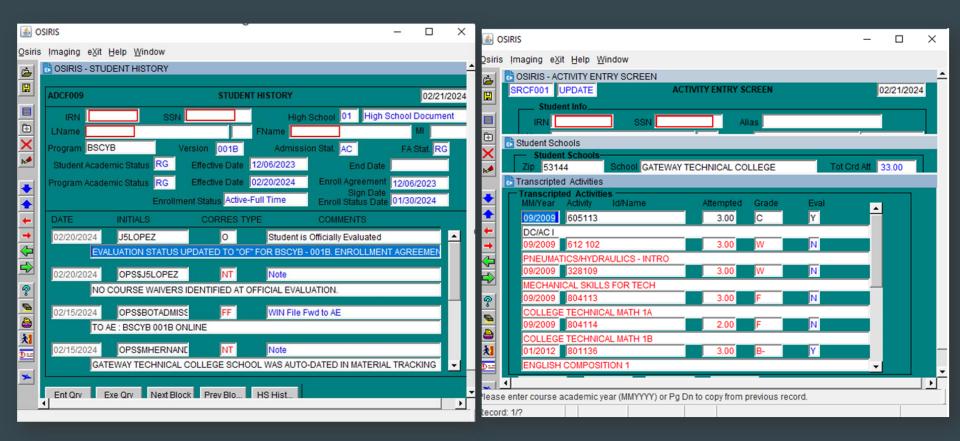
- •Gain a better understanding of what courses do not transfer to facilitate examination of course learning objectives to ensure the greatest future transfer potential.
- •General education courses must transfer, regardless of whether an equivalent course exists at the receiving institution.
- •Helps pre-emptively answer questions for students

# Homegrown SIS

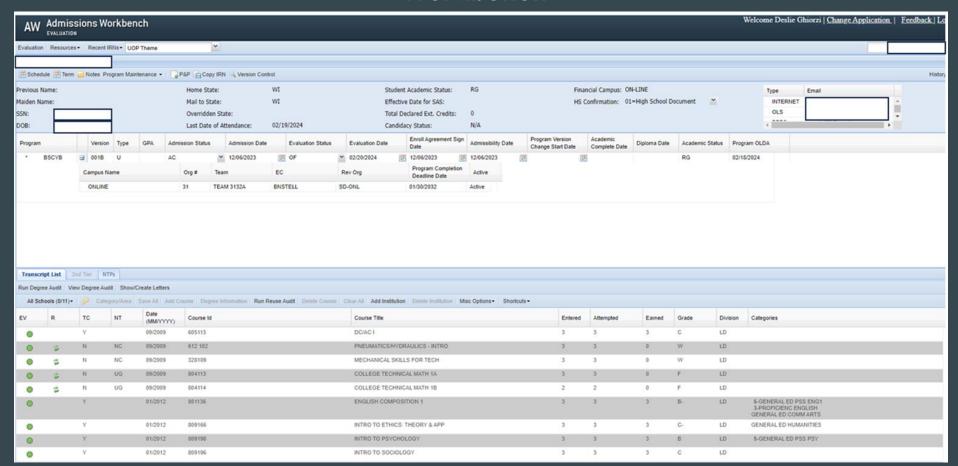
• • •

Deslie Ghiorzi, Operations Manager: University of Phoenix Nathan Cicchillo, Sr. Director: University of Phoenix

# Homegrown SIS: Osiris



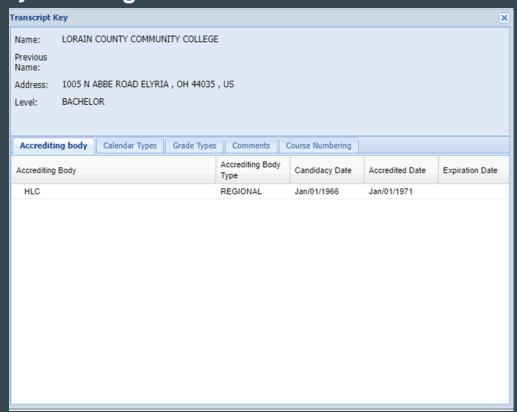
# Workbench



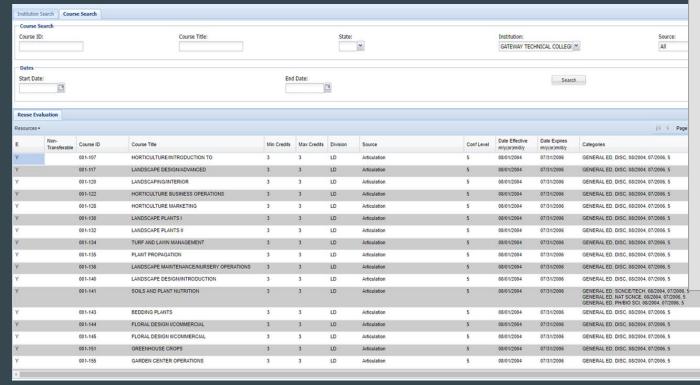
What features within your SIS do you leverage to aid transfer articulation business

processes?

- •"Transcript Key" provides transfer institution information to assist with evaluations
- •Course description storage and partner institution course catalogs are not stored in our SIS systems.
- •The Articulation team stores those separately in their own team storage folders as reference.



# Do you store transfer course equivalency data within your SIS? If yes, how do you maintain this data over time?

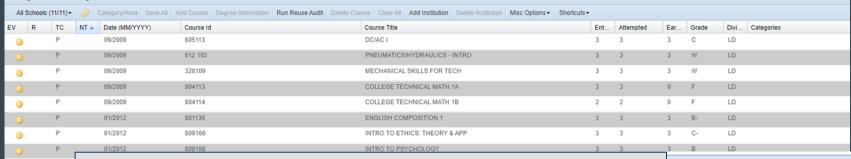


- Within Workbench, we input Articulated G.E. decisions for partner intuitions.
- All articulated transfer decisions are stored in Admissions Workbench and are updated on a yearly basis.
- We pay special attention to effective dates. If a decision has changed based on the new catalog year, we end date the old decision and create a new entry with the new effective date.



#### **Automated Transfer Credit Articulated Decisions**





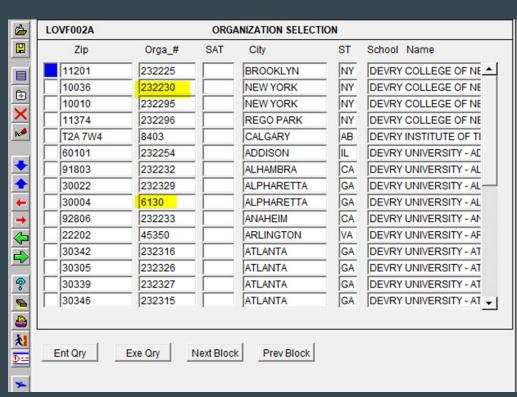
#### 1) Reuse is ran to check for any articulated decisions

Р	GA	TEWAY 1	ECHNIC	AL COLL	.EGE (0/11)▼   🥟   Categ	gory/Area   Save All   Add Cour	irse   Degree Information	Run Reuse Audit	Delete Course   Clear All	Add Institution	Delete Institution	Misc Options •	Shortcuts •				
	EV	R	TC	NT 🔺	Date (MM/YYYY)	Course Id		Course	Little			Ent	Attempted	Ear	Grade	Divi	Categories
			E		09/2009	605113		DC/AC I				3	3	3	С	LD	
	•		Υ		01/2012	801136		ENGLIS	H COMPOSITION 1			3	3	3	B-	LD	5-GENERAL ED PSS ENG1 3-PROFICIENC ENGLISH GENERAL ED COMM ARTS
			E		01/2012	809166		INTRO 1	TO ETHICS: THEORY & APP			3	3	3	C-	LD	GENERAL ED HUMANITIES
	0		Υ		01/2012	809198		INTRO 1	TO PSYCHOLOGY			3	3	3	В	LD	5-GENERAL ED PSS PSY
			Υ		01/2012	809196		INTRO	TO SOCIOLOGY			3	3	3	С	LD	
	0	*	N ~	NC	09/2009	612 102		PNEUM	ATICS/HYDRAULICS - INTRO	)		3	3	0	W	LD	
		#	N	NC	09/2009	328109		MECHA	NICAL SKILLS FOR TECH			3	3	0	W	LD	
	0	*	N	NC	09/2012	806134		GENER	AL CHEMISTRY			4	4	0	W	LD	
		#	N	UG	09/2009	804113		COLLEG	GE TECHNICAL MATH 1A			3	3	0	F	LD	
	0	*	N	UG	09/2009	804114		COLLEG	GE TECHNICAL MATH 1B			2	2	0	F	LD	
		**	N	UG	09/2012	804113		COLLEG	GE TECHNICAL MATH 1A			3	3	0	F	LD	

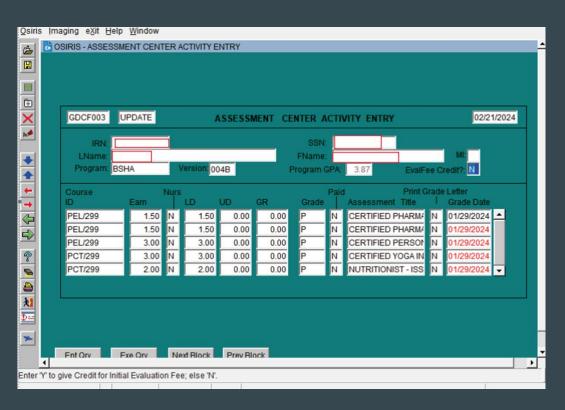
How do you assign institution ID's to transfer institutions? (Districts vs Individual

Campuses)

- •Internal process: We use ORGA IDs for each institution.
- •Depending on how the intuition's transcripts are issued (as a district or as individual college/campus) we issue one ORGA ID for each District, or multiple ORGA ID's for each college/campus.



How do you add credit for prior learning to student records using your SIS?

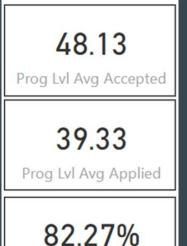


Each PLA type has its own course ID/prefix

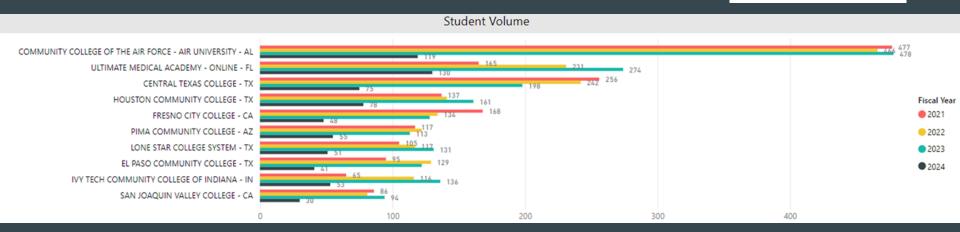
PLA credits are applied using old SIS interface

Have you leveraged your SIS to collect statistical data pertinent to transfer and articulation?

Within the Office of Admissions and Evaluations dept, we use Microsoft Power BI to stage transfer data that pulls from SIS.



Prog Lvl Transferability



## **Presenters**

#### Banner:

- Audrie Smith: <u>audrie.smith@eku.edu</u>
- Josie Martinez: <u>regtransfer@nd.edu</u>

#### Peoplesoft:

• Kim Mayfield: <u>kfmuehlh@iu.edu</u>

#### Colleague:

- Jacqui Rogers-Frere: <u>jgrogers@smcm.edu</u>
- Becky Price: <u>rlposner@csmd.edu</u>

#### Homegrown:

- Deslie Ghiorzi: <u>Deslie.Ghiorzi@phoenix.edu</u>
- Nathan Cicchillo: <u>nathan.cicchillo@phoenix.edu</u>

# **Upcoming Webinars**

- Next session: April 26, topic third-party transfer tools
- <u>View and sign-up for sessions</u> from AACRAO's webpage