Mini-Grant Showcase
Midwest Credential Transparency Alliance Convening
October 10, 2022
Kansas Board of Regents
Mini-grant Showcase
Nathan Snyder – Project Developer
October 11, 2022
Kansas’ Four Goals

• Goal # 1: Publishing Systemwide Transfer (SWT) Information through API
• Goal # 2: Proof of Concept for Publishing Military Transfer Information
• Goal # 3: Proof of Concept for Publishing Program Alignment/Pathway Information
• Goal # 4: Publishing Accelerating Opportunity in Kansas (AO-K) Credential Approval List through API
Goal #1: Publishing Systemwide Transfer (SWT) Information through API

• What do we want to publish?
  • A student who completes a SWT course at any Kansas public community college, technical college or university can transfer the credit to another Kansas public institution offering an equivalent course.

Financial Accounting - CORE OUTCOMES

Course Effective Date: Summer 2018
Outcome Approval Date: Fall 2017
Next Outcome Review Date: Fall 2022

Upon completion of this course, students will be able to:

1. Identify and demonstrate the effects of transactions and economic events on the financial statements in corporations and other business entities
2. Prepare the fundamental financial statements per US GAAP
3. Analyze and interpret the information presented in the financial statements

<table>
<thead>
<tr>
<th>SUBJECT / DISCIPLINE</th>
<th>SWT CODE</th>
<th>SWT COURSE TITLE</th>
<th>INSTITUTION</th>
<th>INSTITUTION COURSE TITLE</th>
<th>COURSE ID &amp; HOURS</th>
<th>CORE OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCOUNTING</td>
<td>ACC1010</td>
<td>FINANCIAL ACCOUNTING</td>
<td>ALLEN COMMUNITY COLLEGE</td>
<td>FINANCIAL ACCOUNTING</td>
<td>BUS210 (3 Hours)</td>
<td>ACC1010.pdf</td>
</tr>
<tr>
<td>ACCOUNTING</td>
<td>ACC1010</td>
<td>FINANCIAL ACCOUNTING</td>
<td>BARTON COMMUNITY COLLEGE</td>
<td>ACCOUNTING I &amp; ACCOUNTING II</td>
<td>ACCT1614 (3 Hours) AND ACCT1616 (3 Hours)</td>
<td>ACC1010.pdf</td>
</tr>
<tr>
<td>ACCOUNTING</td>
<td>ACC1010</td>
<td>FINANCIAL ACCOUNTING</td>
<td>BUTLER COMMUNITY COLLEGE</td>
<td>ACCOUNTING 1 &amp; ACCOUNTING 2</td>
<td>BA 126 (3 Hours) AND BA 127 (3 Hours)</td>
<td>ACC1010.pdf</td>
</tr>
</tbody>
</table>
### Goal # 1: Publishing Systemwide Transfer (SWT) Information through API

#### Transfer Value Profiles

<table>
<thead>
<tr>
<th>Value For/From:</th>
<th>Intermediary:</th>
<th>Owned By:</th>
<th>Value:</th>
<th>Subject:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINANCIAL ACCOUNTING</td>
<td>FINANCIAL ACCOUNTING</td>
<td>ALLEN COMMUNITY COLLEGE</td>
<td>3 Credits</td>
<td>ACCOUNTING</td>
</tr>
<tr>
<td>ACCOUNTING</td>
<td>FINANCIAL ACCOUNTING</td>
<td>BARTON COMMUNITY COLLEGE</td>
<td>6 Credits</td>
<td>ACCOUNTING</td>
</tr>
<tr>
<td>ACCOUNTING</td>
<td>FINANCIAL ACCOUNTING</td>
<td>BUTLER COMMUNITY COLLEGE</td>
<td>6 Credits</td>
<td>ACCOUNTING</td>
</tr>
</tbody>
</table>

```json
{
  "id": "ce-298127ea-7bcd-4bb7-aacf-8396f3f8b719",
  "@type": "ceterms:TransferIntermediary",
  "ceterms:ctid": "ce-298127ea-7bcd-4bb7-aacf-8396f3f8b719",
  "ceterms:name": {
    "en": "FINANCIAL ACCOUNTING"
  },
  "ceterms:codedNotation": "ACC1010",
  "ceterms:subject": {
    "@type": "ceterms:CredentialAlignmentObject",
    "ceterms:targetNodeName": {
      "en": "ACCOUNTING"
    }
  },
  "ceterms:subjectiveWebpage": "https://www.kansasregents.org/resources/SWT/ACC1010.pdf",
  "ceterms:intermediaryFor": [
    "ce-67c7f9c3-1212-49de-834a-f277b30d6dd9",
    "ce-2b5fd48d-421c-4a88-b438-25066e7993b8"
  ]
}
```
Goal # 1: Publishing Systemwide Transfer (SWT) Information through API

• Why is it important to us?
  • Transparency of Kansas SWT information can keep student costs down, keep students on track to graduate, and ensure accessible information for all students
  • First time submitting course-level data
  • It will better inform us for other proposed Credential Engine projects
Goal # 1: Publishing Systemwide Transfer (SWT) Information through API

• Current Status: In progress
  • Required data elements have been mapped
  • Academic Affairs provided input on many of the data elements
  • The background tables have been coded and two SWT course from two institutions will be added to the sandbox in the coming weeks.
  • The plan is to add everything to the Registry in November
Goal # 2: Proof of Concept for Publishing Military Transfer Information

• What do we want to publish?
  • The Board facilitates the convening of faculty and administrators to examine university and college course outcomes as compared to the skills, outcomes and competencies learned in various military occupational specialties and course (MOS&C) designations.
Goal # 2: Proof of Concept for Publishing Military Transfer Information

<table>
<thead>
<tr>
<th>INSTITUTIONS</th>
<th>OCCUPATIONAL SPECIALTY</th>
<th>LEVEL</th>
<th>HOURS</th>
<th>MORE INFO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Search Institutions</td>
<td>Search Occupational Specialty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butler Community College</td>
<td>(001007) Leading Culinary Specialist</td>
<td>E4</td>
<td>12</td>
<td>Website</td>
</tr>
</tbody>
</table>

Course Results

Click on a Course Title below to view related programs of study.

<table>
<thead>
<tr>
<th>COURSE ID</th>
<th>COURSE TITLE</th>
<th>HOURS</th>
<th>RELATED EDUCATIONAL PROGRAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA 220</td>
<td>PROFESSIONAL CULINARY SKILLS 2</td>
<td>3</td>
<td>The selected course, CA 220, is related to the following educational program(s):</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CULINARY ARTS</td>
</tr>
<tr>
<td>CA 120</td>
<td>PROFESSIONAL CULINARY SKILLS 1</td>
<td>3</td>
<td>CULINARY ARTS (ACF CERTIFICATE: SOUS CHEF)</td>
</tr>
</tbody>
</table>
Goal # 2: Proof of Concept for Publishing Military Transfer Information

• Why is it important to us?
  • Enhanced transparency of Credit for Prior Learning opportunities will assist both active military and veterans with choices that may reduce their educational costs and expedite their postsecondary goals.
  • It allows other systems to consume the data.
  • By publishing Military Transfer articulations, we hope to connect to other entities like American Council on Education (ACE) for military competencies.
Goal # 2: Proof of Concept for Publishing Military Transfer Information

• Current Status: Coming Soon
  • We meet bi-weekly with the Credential Engine team and should be starting work on this goal in the next month.
Goal # 3: Proof of Concept for Publishing Program Alignment/Pathway Information

• What do we want to publish?
  • The Board, through the Kansas Postsecondary Technical Education Authority (TEA), in partnership with the Kansas Department of Commerce, Kansas employers and postsecondary institutions, leads the effort to align technical postsecondary programs in Kansas to the needs of business and industry in the state.
  • The alignment process allows business and industry to identify value-added exit points within programs and support student acquisition of nationally recognized third-party industry credentials.
Goal # 3: Proof of Concept for Publishing Program Alignment/Pathway Information

Welding Technology Program Alignment
Kansas Board of Regents
CIP: 48.0508

Approved March 17, 2021
Implement by Fall 2022

Welding Technology Level 1
Courses:
- Welding Safety and/or OSHA 10 or 30
- Blueprint Reading
- Minimum one process (SMAW, GMAW, GTAW)
- Student position qualifications: AWS 1F, 2F, and 1G

Level 1
Certificate A
16 to 29 credit hours

Welding Technology Level 2
Level 1 requirements plus
- One additional position qualification
- Two additional processes (SMAW, GMAW, GTAW)
- Welding proficiency equal to or exceeding (AWS) standard D1.1 on 3/8" thick carbon steel plate

Level 2
Certificate B
30 to 44 credit hours
Goal # 3: Proof of Concept for Publishing Program
Alignment/Pathway Information

• Why is it important to us?
  • The proof of concept will inform us as to data collection and system needs to
    make the effort more effective, easier to digest by the public, and to
    encourage a sustainable solution.
Goal # 3: Proof of Concept for Publishing Program Alignment/Pathway Information

- Current Status: Data mapping finished
  - In our bi-weekly meetings with Credential Engine we have created:
Goal # 4: Publishing Accelerating Opportunity in Kansas (AO-K) Credential Approval List through API

• What do we want to publish?
  • The Board, in partnership with the Kansas Department of Commerce, implemented AO-K in 2012 to transform adult education in Kansas by delivering career and technical education at the same time as adult basic skills instruction within a career pathways framework
  • Students complete short-term certificate programs aligned with labor market needs, leading to industry-recognized credentials and immediate jobs
Goal # 4: Publishing Accelerating Opportunity in Kansas (AO-K) Credential Approval List through API
Goal # 4: Publishing Accelerating Opportunity in Kansas (AO-K) Credential Approval List through API

• Why is it important to us?
  • The AO-K program allows Kansas adults to seize the opportunity to earn family-sustaining wages and break the intergenerational cycle of poverty by completing short-term certificate programs aligned with labor market needs which leads to industry-recognized credentials and immediate jobs
Goal # 4: Publishing Accelerating Opportunity in Kansas (AO-K) Credential Approval List through API

• Current Status:
  • Scheduled for the next meeting
  • Plan to publish in November
Contact Information

• Nathan Snyder – nsnyder@ksbor.org

• Transfer Kansas - http://transferks.kansasregents.org/
• Military Articulation Portal - https://military.kansasregents.org/MAP/
• Program Alignment - https://kansasregents.org/workforce_development/program-alignment
• AO-K - https://kansasregents.org/workforce_development/accelerating-opportunity-kansas
Michigan

DeeDee Stakley, Director - Office of Transfer and Secondary School Partnerships

Ferris State University
Ohio

Erica Crawford, Microcredential Program Manager
Emily Hughes, Microcredential Engagement Specialist

Miami University Regionals
Miami University Regionals
Credential Engine Registry • Microcredentials
MUR Microcredentials

- Bundles of 1-4 college courses around a specific skill.
- Initiative funded by Boldly Creative to propel innovative enhanced academic programs.

The Team

Erica Crawford, MEd
Microcredential Program Manager
crawfo40@miamioh.edu
513-217-4053

Emily Hughes
Engagement Specialist
Emily.Hughes@miamioh.edu
513-727-3255
Grant Application

- Miami University Regionals Microcredentials are developed with industry partners and faculty with students in mind.

- Offered at an affordable rate, able to be completed faster in an online format, with the option for college credit.

- $10,000 granted for 3 temporary part-time staff to increase team capacity for Credential Engine Registry work.

- Focused on Credential Engine Registry upload, data alignment, and transfer opportunities.
**Timeline**

<table>
<thead>
<tr>
<th>Month</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>• MOU signed</td>
</tr>
<tr>
<td></td>
<td>• Institution processing of grant and budget</td>
</tr>
<tr>
<td>July</td>
<td>• Position Development and Approval</td>
</tr>
<tr>
<td>August</td>
<td>• Candidate pool finalized, interviewing &amp; hiring</td>
</tr>
<tr>
<td>September</td>
<td>• Candidate paperwork and background checks</td>
</tr>
<tr>
<td></td>
<td>• Temp/PT Staff Onboarding</td>
</tr>
<tr>
<td></td>
<td>• Training and research on Credential Engine Registry and Miami</td>
</tr>
<tr>
<td></td>
<td>University Regionals Microcredentials</td>
</tr>
<tr>
<td>October</td>
<td>• Mini project deliverables to develop the templates, pathways, and</td>
</tr>
<tr>
<td></td>
<td>data needed for upload</td>
</tr>
<tr>
<td>November</td>
<td>• Final deliverable development</td>
</tr>
<tr>
<td>December</td>
<td>• Miami Microcredentials are in Credential Engine Registry</td>
</tr>
<tr>
<td></td>
<td>• Process guide finalized for easy uploads as new credentials are</td>
</tr>
<tr>
<td></td>
<td>developed</td>
</tr>
</tbody>
</table>
Job Description 1/2

Job Summary: Over twenty-five Microcredential Programs are offered by Miami University Regionals in high-demand fields across business, communication, engineering, technology, and culture. The selected candidates will work collaboratively to collect detailed data on each program to be transferred into the Credential Engine Registry; determine each credentials stackability into current degree programs as well as transfer possibilities, and research best practices in credential transparency and portability.

Microcredential Specialists will report directly to the Microcredential Program Manager, and work collaboratively with E-Campus and Regionals Staff and Faculty members. They will also work directly with members of Credential Engine for additional information and support. This opportunity will provide Specialists with noteworthy experience in academic pathways; collaboration across diverse stakeholders; data collection and entry; and, familiarity with process guides.

Essential Duties:

- References the Credential Engine Registry and provided guides to determine data points needed for collection
- Creates and implements processes for data collection
- Inputs and organizes Microcredential data into spreadsheets for upload
- Analyzes currently offered Microcredentials alongside degree programs to look for continuous enrollment opportunities
- Conducts research and outreach to additional universities to evaluate transfer possibilities of Microcredential courses
- Collaborates with other Specialists, staff, faculty, and others to reach project goals
- Participates in occasional meetings and check-ins to achieve project goals
- Provides recommendations on additional best practices in credential transparency and portability to further the goals of Miami’s Microcredential Programs
- Coordinates with other Specialists to create final report related to project outcomes, process guides, and future opportunities
Minimum Qualifications:
- Bachelor’s degree

Preferred Qualifications:
- Higher education experience or experience in academia
- Proven track record of attention to detail
- Ability to work independently and collaboratively
- Experience with datasets
- Access to high-speed internet
## Projects assigned by strengths and experience

<table>
<thead>
<tr>
<th>Deliverable</th>
<th>Data &amp; Context</th>
<th>Credential Engine</th>
<th>Academic Pathways</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Benchmarking and market analysis.</td>
<td>Engine learning &amp; bulk upload spreadsheet development.</td>
<td>Level 1 College Credit Plus credit overlap with microcredentials.</td>
</tr>
<tr>
<td>Progress</td>
<td>Assessment data points and market research.</td>
<td>Data Analysis &amp; Small Business Owner</td>
<td>Hospital Clinical Research</td>
</tr>
<tr>
<td>Employee Background</td>
<td>Higher ed institutional research &amp; program assessment.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**M**
Challenges

- Slow institutional approval process for this unique grant-funded position.
- Temporary staff have limited knowledge on microcredentials and Credential Engine Registry.
- Staff are working different hours.
- Full-time staff capacity for oversight and management.
Opportunity

- Hiring working professionals for the positions brings a level of expertise and ability to work independently with limited supervision.
- Staff appreciate the organization and outline of the project and deliverables.
- Weekly optional touchpoints and communication.
- Multiple perspectives
Access the Toolbox

Included:
- Job Description
- Project Plan Template
- Hour Tracking Template
- Overview of Miami University Regionals Microcredentials

Contact Us

Erica Crawford, MEd
Microcredential Program Manager
crawfo40@miamioh.edu
513-217-4053

Emily Hughes
Engagement Specialist
Emily.Hughes@miamioh.edu
513-727-3255
Minnesota

Sheri Hutchinson, Academic Program Director
Jess Niebuhr, Senior Manager for Strategic Partnerships

Minnesota State Colleges and Universities
Credential Transparency and Minnesota State Colleges and Universities System

Jess Niebuhr, Sr. Manager of Strategic Partnerships (jess.niebuhr@minnstate.edu) and Sheri Hutchinson, Director of Academic Programs (sheri.hutchinson@minnstate.edu)
Engaged in many system and cross agency initiatives in which credential transparency is related/important/part of the goal.

Currently use Curriculum Navigator to manage curriculum and program information systemwide. Campus resources range from manual spreadsheets to self-developed systems to purchased resources such as CourseDog.

Non-Credit Curriculum is managed in a separate system, rSchoolToday.

Minnesota State provides a monthly upload of all for-credit credentials (semi manual process) to the state ETPL. Error fixing is intensely manual.

Non-credit credentials are manually inputted to the ETPL, based on the participation of each college.

Minnesota State publishes credit and non-credit credentials to the Credential Engine repository through the state’s ETPL. Includes only WIOA approved credentials.
Challenges

Challenge to keep up with accelerating pace of change in data requirements and program information requests.

Many errors results in time spent on manual corrections rather than system program-curriculum strategy.

Many credentials, especially non-credit and graduate-level are not included in ETPL and not available on CE.

Current goals related to non-credit to credit pathways, CPL and stackable credentials are hindered.

Lack of consistency. Lack of ability to have and enforce statewide standards.

Students do not have access to pathway information (related to CPL, transfer, etc.) prior to enrollment.
Opportunities

Align credential transparency/ course program management with range of initiatives.

Moving to a new ERP system for all business functions. Need to be ready with program/ curriculum solution.

Potential opportunity for innovation aligned to other initiatives:

• Adult Learner Pathways/ Non-credit to Credit Alignment
• Credit for Prior Learning Crosswalks
• Ability to Benefit Career Pathways
• Defining/ Building Framework for Quality Credentials in Minnesota
• State Financial Aid for Non-Degree Credentials
• Transfer Pathways and Guided Learning Pathways
Project Goals

1. Identify program inventory criteria/ deficiencies and needs based on our current program and curriculum repository (and program approval/ review process)

2. Investigate repository systems approach to non-credit, pathways to credit, CPL, etc.

3. Engage colleges/ universities in review of potential repositories and capacities

4. Review potential changes/ enhancements with state agency partners

5. Develop requirements for a new system including a rubric with which to assess systems

6. Review potential systems (CourseDog, CDS Mankato, UPlanner, Modern Campus, Workday Curriculum and more)

7. Submit to technology and academic affairs leaders for funding decisions
Special Considerations

1. Expanding inventory on Credential Engine to include all non-credit, graduate programs and pathways, including CPL crosswalks.

2. How to connect credential transparency and curriculum management to equity, strategic enrollment, expanding CPL, guided learning pathways, adult learner pathways and other system goals.

3. Budget and considerations for campus pay versus system pay.

4. Lack of information on the transition to Workday and whether that brings a solution.

5. Resistance to new technology systems while planning is underway for new ERP system.

6. How to align with definition of Quality Credential (being developed)
Indiana

Ken Sauer, Senior Associate Commissioner and Chief Academic Officer

Indiana Commission for Higher Education
MCTA Mini-Grant: Indiana

Ken Sauer, Ph.D., Senior Associate Commissioner and Chief Academic Officer
Jillian Scholten, Director of Academic Affairs and Talent Credentialing

October 10, 2022
GOALS AND STRATEGIES

Goals:
- Have at least one-third (stretch goal, one-half) of the 29 Indiana independent institutions on the Registry (only two on when the grant began)
- Include institutions serving underrepresented populations

Key Strategies:
- Utilize new School Finder tool to demonstrate value for being on the Registry
- Shift outreach to enrollment managers
PRIVATE, NON-PROFITS PROGRESS

- Added:
  - Indiana Wesleyan University
  - Hanover College
  - University of Saint Francis
  - Wabash College

- Soon to be added:
  - Butler University
  - Manchester University
  - Oakland City University
  - Rose-Hulman Institute of Technology
Find the best school to help you on your way.

We know this is a big decision – where to go to school and even what to study. But you’re not alone. Learn More Indiana provides resources and information to help you choose the best path for your career and life. Whether you’re looking for something short-term and flexible, close to where you live or just want to explore what’s possible, this tool can help you find the answers you’re seeking. Get started by using the search bar below!
B.S. in Computer Science

Purdue University West Lafayette

Adults with a Bachelor's Degree earn $1,000,000 more in their career lifetime compared to adults with only a high school diploma, and students with other higher education experience also earn additional salary.

WAYS TO PAY FOR COLLEGE
PRICE CALCULATOR

Similar Programs

- B.A./B.S. in Computer Science - BSU
- B.A. in Computer Science - IUB
- B.S. in Computer Science - IUB
- B.S. in Computer Science - IUK
- B.S. in Computer Information Systems - IJIN
- B.S. in Computer Science (PU) - IUPUI
- B.S. in Computer Science - IUSB

Cost of Institution

1 Year Salary $67,816
10 Year Salary $95,968

Job Possibilities Include:
- Computer and Information Systems Managers
- Information Security Analysts
- Computer and Information Research Scientists
- Computer Network Support Specialists
- Database Architects
- Computer Programmers
- Software Developers
- Software Quality Assurance Analysts and Testers
- Web Developers
- Web and Digital Interface Designers
- Computer Occupations, All Other
- Scientists
- Computer Science Teachers, Postsecondary
Indiana has been working to increase credential transparency since 2017. This work includes partnering with non-profit Credential Engine to publish certificate and degree programs at all levels and the data about those offerings. The Indiana Commission For Higher Education (CHE) set a goal of getting all credentials in Indiana added to the Indiana Credential Registry to eliminate silos and provide transparent information so users can make the most informed decisions.

We’ve created this guide to make the process of uploading your institution’s credentials quick and easy!

SCHOOL FINDER
A free tool located on G-IIN's Learn More Indiana website that helps increase students at all ages, families, and educators make the process of accessing post-high school education manageable and attainable. The School Finder is the first step in finding certificate and degree programs at colleges and universities in Indiana. Each institution includes an overview including “facts” that showcase each of its programs and key information, such as a program description, webpage, delivery method, credit hours, average salaries, cost, similar programs, associated jobs and resources for more information.

Each program has a link to your institutional contact form and comes with access to an in-depth analytics dashboard.

INDIANA CAREER EXPLORER
A tool that empowers people to explore careers and plan their next steps. A collaboration between multiple state agencies, the tool allows users to test self-assessments, search for education and training opportunities, and explore industries and careers.

This is a free tool for users across Indiana in K-12, college and adults.

GET STARTED
1. FILL OUT Contact Information Form
   - This will create your account in Credential Engine and make CHE a 3rd party publisher to access self-publishing
2. VERIFY Spreadsheet of Credentials from Commission's Inventory. Add Program Description, Website & Credit Hours
3. SUBMIT Spreadsheet to Jillian Schreiber (jillschreiber@in.gov)
4. PUBLISH Credentials will be published to the Indiana Credential Registry, School Finder and Career Explorer
   A. Timelines of when information needs to be updated will be sent to all participating institutions

LEARN MORE ABOUT CREDENTIAL ENGINE
At credentialengine.org, to view the information currently available in Indiana’s Credential Registry. Visit TransferIndiana.credentialengine.org
CONTACT INFORMATION

Ken Sauer, Ph.D.
Senior Associate Commissioner and Chief Academic Officer
Office: (317) 232-1090
Cell: (317) 908-0536
ksauer@che.in.gov

Jillian Scholten
Director of Academic Affairs and Talent Credentialing
(317) 232-1071
jscholten@che.in.gov