

# Comprehensive Learner Record (CLR): Empowering Embedded Assessment of Competency to Determine Student Readiness for Real-World Problems



Project Collaborators



## CHALLENGE



As part of a broader initiative to shift from a traditional to a competency-based model of education, faculty at the University of Rochester School of Nursing (URSON) are developing a new curriculum that will require an innovative approach to assessment to address:

- Students graduating without sufficient preparation to enter the workforce
- Nursing organizations calling for a radical transformation in teaching and learning
- Curricula emphasizing practice, feedback, and reflection of core skills comprising competencies required for safe and effective patient care
- Developing systems of assessing learning and achievement of competency across a curriculum through graduation and beyond

## SOLUTION



AEFIS allows URSON to integrate information on student learning and achievement across the curriculum, from the student information system (Workday), learning management system (Blackboard), computer-based testing platform (ExamSoft), as well as other learning systems into Comprehensive Learner Record (CLR).

- URSON began building the curriculum infrastructure to support their CLR outcomes beginning in March 2020.
- CLR captures evidence of student learning through formative and summative assessment.
- CLR enables students to reflect on their experience and feedback from faculty.
- Students can share their achievements with potential employers.

### Blueprint for AEFIS CLR



## LEARNING IMPACT

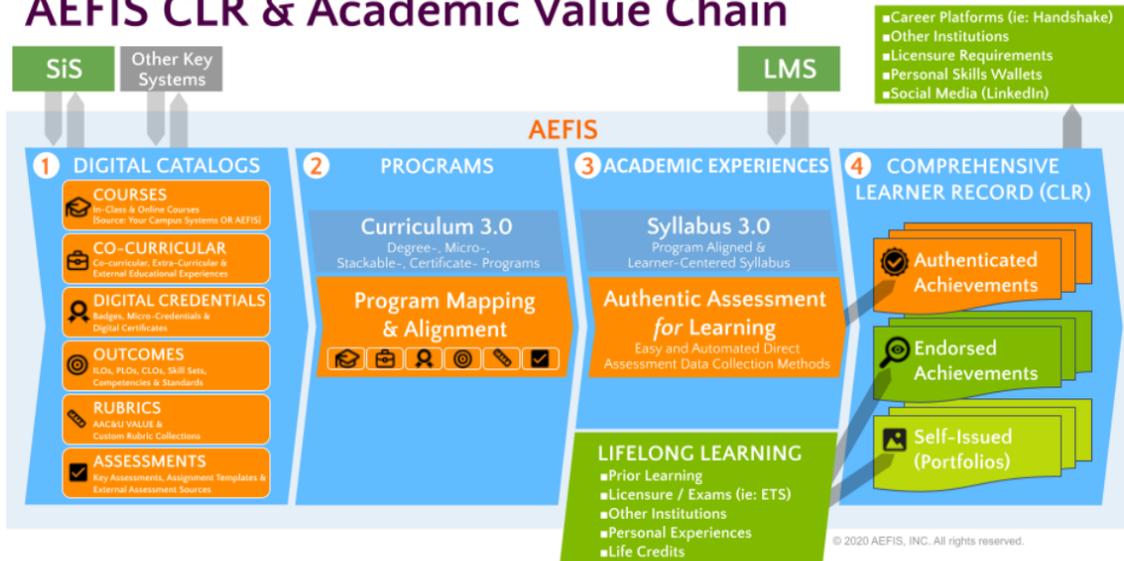


Through an infrastructure that aligns competency-based learning outcomes to activities and assessments, CLR enhances coherence so that students can see their progress across a curriculum.

The CLR infrastructure built so far allows URSON to:

- Communicate coherence of learning across courses and other learning experiences
- Enable students to identify how co- and extra-curricular activities enhance learning
- Identify specific areas and individual students for intervention and academic support
- Facilitate comprehensive reporting and predictive modeling on student learning, achievement, and retention
- Empower faculty to assess educational effectiveness to inform revised curriculum

### AEFIS CLR & Academic Value Chain



## OUTCOMES



URSON CLR provides an organized and effective way to demonstrate institutional improvement as required by regional accreditors, removing the duplicity of assessment collection across universities and colleges and gaining faculty support for these efforts:

- Increased coherence of how courses and other learning activities provide evidence of competency
- More meaningful data to inform just-in-time learning and curricular improvements
- Efficient and targeted reporting for compliance with state regulators and accreditors



12

Faculty engaged  
Didactic and clinical



37

RN to BS students  
In pilot courses



100%

Meeting competency  
In 1st capstone course

## ROI



URSON developed the infrastructure for CLR while shifting to a competency-based curriculum in the heart of the pandemic. The ROI includes:

- **Increased efficiency** – Data collected through the everyday process of assignment submission and standard grading workflow (and not an add-on tool or process)
- **Increased effectiveness** – Targeted improvements in teaching/learning informed by direct evidence
- **Enhanced communication of value** – To key stakeholders including students, faculty, institution, and employers
- **Assurance of Compliance** – With all accreditation standards

Learn more at [AEFIS.COM/CLR](https://www.aefis.com/CLR)