

## ATAC OneIT Roadmap, January 2021

**TEACHING & LEARNING: ONEIT WILL ADVANCE STUDENT LEARNING AND SUCCESS BY ENGAGING CAMPUS PARTNERS, LEADING, AND SUPPORTING EFFECTIVE INSTRUCTION, SERVICES, AND SYSTEMS.**

**LEVERAGE DATA, RESEARCH, AND INSTRUCTIONAL ASSESSMENT TO FOSTER STUDENT SUCCESS.**

### LEARNING ANALYTICS

*2H - FY22 (Jan - June 2022)*

| <b>Task Description</b>  | <b>Overlap/Interdependency</b> | <b>Accountable Staff</b> | <b>Priority</b> |
|--|--------------------------------|--------------------------|-----------------|
| <b>Continue to scale Elements of Success (EOS) and evaluate new opportunities for EOS use by student support units such as Academic Success &amp; Retention and Academic Advising. Determine whether/how to move ahead</b> |                                | Higgins-Freese/Martinez  | 2               |
| <b>Explore and identify additional data sources for learning analytics applications</b>  | ADS Governance Council         | Russell/Higgins-Freese   |                 |
| <b>Increase the use of learning analytics applications to support instructional decisions and student success (e.g. gateway courses)</b>   | ADS Governance Council         | Russell/Higgins-Freese   | 1               |
| <b>Increase awareness of the appropriate structures for online course materials to ensure capture of student engagement data through online templates, workshops, and other resources</b>                                  |                                | Russell/Higgins-Freese   | 1               |

## ATAC OneIT Roadmap, January 2021

|   |  |                                    |   |
|---|--|------------------------------------|---|
| Increase awareness and opportunities for faculty to use learning analytics for T&L research   | ADS Governance Council<br>Research Council | Russell – moved from last 6 months | 1 |
| Explore and identify new uses of data for student success, particularly in the area of AI/deep learning                                 |  | Russell/Hetrick                    | 2 |
| Identify curricular level data and support campus curriculum development efforts  |  | Russell                            |   |
| Develop a campus Learning Analytics Community of Practice (modeled from the successful Unizin Learning Analytics Community of Practice) |  | Russell/Flaming                    | 2 |

### 1H - FY23 (Jul - Dec 2022)

| Task Description  | Overlap/Interdependency | Accountable Staff      | Priority |
|---|-------------------------|------------------------|----------|
| Explore and identify additional data sources for learning analytics applications  | ADS Governance Council  | Russell/Higgins-Freese | 1        |
| Increase the use of learning analytics applications to support instructional decisions and student success (e.g. gateway courses)       | ADS Governance Council  | Russell/Higgins-Freese | 1        |
| Identify curricular level data and support campus curriculum development efforts  |                         | Russell                |          |
| Develop a campus Learning Analytics Community of Practice (modeled from the successful Unizin Learning Analytics Community of Practice) |                         | Russell/Flaming        | 2        |
| Explore and identify new uses of data for student success, particularly in the area of AI/deep learning.                                |                         | Russell/Hetrick        | 2        |

# ATAC OneIT Roadmap, January 2021

## ASSESSMENT

*2H - FY22 (Jan - June 2022)*

| Task Description                        | Overlap/Interdependency | Accountable Staff | Priority |
|---|-------------------------|-------------------|----------|
| Evaluate Chemistry/Math Bridge programs |                         | Russell/Beckett   |          |

## EVOLVE AND ADOPT FLEXIBLE, EFFECTIVE PHYSICAL AND ONLINE LEARNING ENVIRONMENTS AND ECOSYSTEMS.

## SERVICE REVIEW

*2H - FY22 (Jan - June 2022)*

| Task Description   | Accountable Staff   | Priority |
|--|---------------------|----------|
| Review the wiki (Confluence) service, determine the wiki service is still needed | Higgins-Freese/Long | 2        |

*1H - FY23 (Jul - Dec 2022)*

| Task Description  | Accountable Staff   | Priority |
|---|---------------------|----------|
| Improve integrations across OTLT and ES services (Panopto/Teams, Canvas/Teams), interviews faculty on time saving needs | Higgins-Freese/Long | 2        |

## ATAC OneIT Roadmap, January 2021

*1H - FY24 (Jul - Dec 2023)*

| Task Description   | Accountable Staff   | Priority |
|--|---------------------|----------|
| Review smaller use services to determine if they are still needed (Peerceptiv, etc) or if emerging services should be added (HSP, etc) | Higgins-Freese/Long | 2        |

### STUDENT ASSESSMENT INTEGRITY

*2H - FY22 (Jan - June 2022)*

| Task Description  | Overlap/Interdependency | Accountable Staff   | Priority | Comments                      |
|---|-------------------------|---------------------|----------|-------------------------------|
| Identify, implement, and/or modify technology tolls to improve the online assessment experience. (Gradescope, New Quizzes in ICON, etc) |                         | Higgins-Freese/Long | 1        | May have funding implications |

### COMPUTER LAB EVALUATION

*2H - FY22 (Jan - June 2022)*

| Task Description  | Accountable Staff | Priority | Comments |
|---|-------------------|----------|----------|
| Review computer lab services and develop a future state service model for campus computing facilities | Clark             | 1        |          |

# ATAC OneIT Roadmap, January 2021

## SUPPORT FOR CLASSROOMS

*2H - FY22 (Jan - June 2022)*

| Task Description  | Accountable Staff | Priority | Comments |
|---|-------------------|----------|----------|
| Increase training opportunities available on classroom technologies | Clark/Kaltsas     | 1        |          |

## SUPPORT FOR ACTIVE LEARNING

*2H - FY22 (Jan - June 2022)*

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Increase the number of classrooms that support active learning pedagogies via technology improvements, furniture replacement | Clark/Houser      | 2        |

## SUPPORT FOR ACTIVE LEARNING

*1H - FY23 (Jul - Dec 2022)*

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Increase the number of classrooms that support active learning pedagogies via technology improvements, furniture replacement | Clark/Houser      | 2        |

# ATAC OneIT Roadmap, January 2021

## SUPPORT FOR ACTIVE LEARNING

*2H - FY23 (Jan - June 2023)*

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Increase the number of classrooms that support active learning pedagogies via technology improvements, furniture replacement | Clark/Houser      | 2        |

## SUPPORT FOR ACCESSIBLE LEARNING SPACES

*2H - FY22 (Jan - June 2022)*

| Task Description  | Accountable Staff    | Priority |
|---|----------------------|----------|
| Investigate opportunities to move Top Hat away from a student fee-for-service and into a fully funded technology      | Higgins-Freese       | 2        |
| Improve accessibility in campus classrooms with installation of accessible lecterns, door actuators, microphones, etc | Clark/Kaltsas/Houser |          |

*1H - FY23 (Jul - Dec 2022)*

| Task Description  | Accountable Staff    | Priority |
|---|----------------------|----------|
| Improve accessibility in campus classrooms with installation of accessible lecterns, door actuators, microphones, etc | Clark/Kaltsas/Houser |          |
|   |                      |          |

## ATAC OneIT Roadmap, January 2021

*2H - FY23 (Jan - June 2023)*

| Task Description  | Accountable Staff    | Priority |
|---|----------------------|----------|
| Improve accessibility in campus classrooms with installation of accessible lecterns, door actuators, microphones, etc | Clark/Kaltsas/Houser |          |

*1H - FY24 (Jul - Dec 2023)*

| Task Description  | Accountable Staff    | Priority |
|---|----------------------|----------|
| Improve accessibility in campus classrooms with installation of accessible lecterns, door actuators, microphones, etc | Clark/Kaltsas/Houser |          |

## UCR CLASSROOM TECHNOLOGY MANAGEMENT

*2H - FY22 (Jan - June 2022)*

| Task Description  | Accountable Staff | Priority |
|---|-------------------|----------|
| Review network security and management of classroom technology infrastructure | Higgins-Freese    |          |

*1H - FY23 (Jul - Dec 2022)*

| Task Description  | Accountable Staff | Priority |
|---|-------------------|----------|
| Implement changes to network security and management of classroom technology infrastructure | Clark/Kaltsas     |          |

# ATAC OneIT Roadmap, January 2021

## SERVICE EXPANSION AND OUTREACH

*2H - FY22 (Jan - June 2022)*

| Task Description   | Accountable Staff   | Priority |
|--|---------------------|----------|
| Promote Canvas Catalog as a new funding stream/source for Iowa. Over \$500,000 has been brought in by groups from Jan to Sept 2021. Expand service model as needed | Higgins-Freese/Long | 2        |

## DELIVER INITIATIVES AND PROGRAMS IN SUPPORT OF EFFECTIVE INSTRUCTION

### CURRICULUM DEVELOPMENT

*2H - FY22 (Jan - June 2022)*

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Integrate Center for Teaching resources into campus curriculum development efforts | Flaming           | 1        |

*1H - FY23 (Jul - Dec 2022)*

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Integrate Center for Teaching resources into campus curriculum development efforts | Flaming           | 1        |

### PROVOST INITIATIVE

*2H - FY22 (Jan - June 2022)*

| Task Description | Accountable Staff | Priority | Comments |
|------------------|-------------------|----------|----------|
|------------------|-------------------|----------|----------|



## ATAC OneIT Roadmap, January 2021

|  |                                 |   |                                  |
|--|---------------------------------|---|----------------------------------|
| Expand and revive comprehensive programming for support of incoming new faculty of all ranks | Flaming                         | 1 |                                  |
| Support the College Algebra (MATH:1005) redesign PIF.  | All OTLT Directors and Zalenski | 1 | Note this is a three-year effort |

### 1H - FY23 (Jul - Dec 2022)

| Task Description  | Accountable Staff               | Priority | Comments                         |
|---|---------------------------------|----------|----------------------------------|
| Collaborate with associate provost for faculty to create new mid-career faculty teaching professional development opportunities | Flaming                         | 1        |                                  |
| Support the College Algebra (MATH:1005) redesign PIF.   | All OTLT Directors and Zalenski | 1        | Note this is a three-year effort |

## P3 FUNDED INITIATIVE

### 2H - FY22 (Jan - June 2022)

| Task Description  | Accountable Staff              | Priority |
|---|--------------------------------|----------|
| Support the Hawkeye Introductory Courses P3 Initiative        | Higgins-Freese/Flaming/Russell | 1        |
| Learning about Learning (3 year program) – Prof. Shaun Vecera | Flaming                        |          |

### 1H - FY23 (Jul - Dec 2022)

| Task Description | Accountable Staff | Priority |
|------------------|-------------------|----------|
|------------------|-------------------|----------|

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|   |                                |   |
|---|--------------------------------|---|
| Support the Hawkeye Introductory Courses P3 Initiative        | Higgins-Freese/Flaming/Russell | 1 |
| Learning about Learning (3 year program) – Prof. Shaun Vecera | Flaming                        |   |

### 2H - FY23 (Jan - June 2023)

| Task Description  | Accountable Staff              | Priority |
|---|--------------------------------|----------|
| Support the Hawkeye Introductory Courses P3 Initiative        | Higgins-Freese/Flaming/Russell | 1        |
| Learning about Learning (3 year program) – Prof. Shaun Vecera | Flaming                        |          |

### 1H - FY24 (Jul - Dec 2023)

| Task Description  | Accountable Staff              | Priority |
|---|--------------------------------|----------|
| Support the Hawkeye Introductory Courses P3 Initiative        | Higgins-Freese/Flaming/Russell | 1        |
| Learning about Learning (3 year program) – Prof. Shaun Vecera | Flaming                        |          |

## HHMI GRAND FUNDED

### 2H - FY22 (Jan - June 2022)

| Task Description  | Accountable Staff      | Priority |
|---|------------------------|----------|
| Howard Hughes Medical Institute (HHMI) Inclusive Excellence 3 | Flaming/Higgins-Freese |          |

## ATAC OneIT Roadmap, January 2021

*1H - FY23 (Jul - Dec 2022)*

| Task Description  | Accountable Staff      | Priority |
|---|------------------------|----------|
| Howard Hughes Medical Institute (HHMI) Inclusive Excellence 3 | Flaming/Higgins-Freese |          |

### DEI IN TEACHING

*2H - FY22 (Jan - June 2022)*

| Task Description                                       | Accountable Staff | Priority |
|--|-------------------|----------|
| Continue pilot of DEI in teaching practice programming | Flaming           | 1        |

*1H - FY23 (Jul - Dec 2022)*

| Task Description                            | Accountable Staff | Priority |
|---|-------------------|----------|
| Expand DEI in services (Lingo in ICON, etc) | Long              | 1        |

### EDUCATIONAL DEVELOPMENT

*2H - FY22 (Jan - June 2022)*

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Develop a consistent, strategic collection of resources and support opportunities for equitable assessment of student learning and transparent assignment design | Flaming           | 1        |

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**1H - FY23 (Jul - Dec 2022)**

| Task Description   | Accountable Staff | Priority |
|--|-------------------|----------|
| Develop a consistent, strategic collection of resources and support opportunities for equitable assessment of student learning and transparent assignment design | Flaming           | 1        |

## GLOSSARY OF ACRONYMS:

|               |  |
|---------------|--|
| <b>ACE</b>    | Assessing the Classroom Environment                  |
| <b>BOR</b>    | Board of Regents                                     |
| <b>Cft</b>    | Center for Teaching                                  |
| <b>DOE</b>    | Distance and Online Education                        |
| <b>DEO</b>    | Department Executive Officer                         |
| <b>EoS</b>    | Elements of Success                                  |
| <b>ICON</b>   | Iowa Courses Online (LMS)                            |
| <b>NSF</b>    | National Science Foundation                          |
| <b>OTLT</b>   | Office of Teaching, Learning & Technology            |
| <b>PIF</b>    | Provost Investment Fund                              |
| <b>SoTL</b>   | Scholarship of Teaching and Learning                 |
| <b>TLT LT</b> | Teaching, Learning & Technology Leadership Team      |
| <b>TILE</b>   | Transform, Interact, Learn, Engage (active learning) |
| <b>UDP</b>    | Unizin Data Platform                                 |
| <b>UCR</b>    | University Classroom                                 |
| <b>ACE</b>    | Assessing the Classroom Environment                  |
| <b>BOR</b>    | Board of Regents                                     |
| <b>Cft</b>    | Center for Teaching                                  |
| <b>DOE</b>    | Distance and Online Education                        |
| <b>DEO</b>    | Department Executive Officer                         |

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|             |                             |
|-------------|-----------------------------|
| <b>EoS</b>  | Elements of Success         |
| <b>ICON</b> | Iowa Courses Online (LMS)   |
| <b>NSF</b>  | National Science Foundation |