

# Welcome to Teaching + Learning Tuesdays

November 28, 2017 | 2:30PM



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Audio Setup option under the  
Meeting menu.



Teaching + Learning Tuesday



# A CLEAR PATH

Individualized Degree Planning for Every Student

# The Landscape

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Community colleges were designed to increase access to college

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While access has increased, completion rates at both 2-year and 4-year institutions has not improved

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Institutions are seeking out solutions to increase completion and become more student ready

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Designing individualized, structured degree plans is a piece of the solution in improving student completion

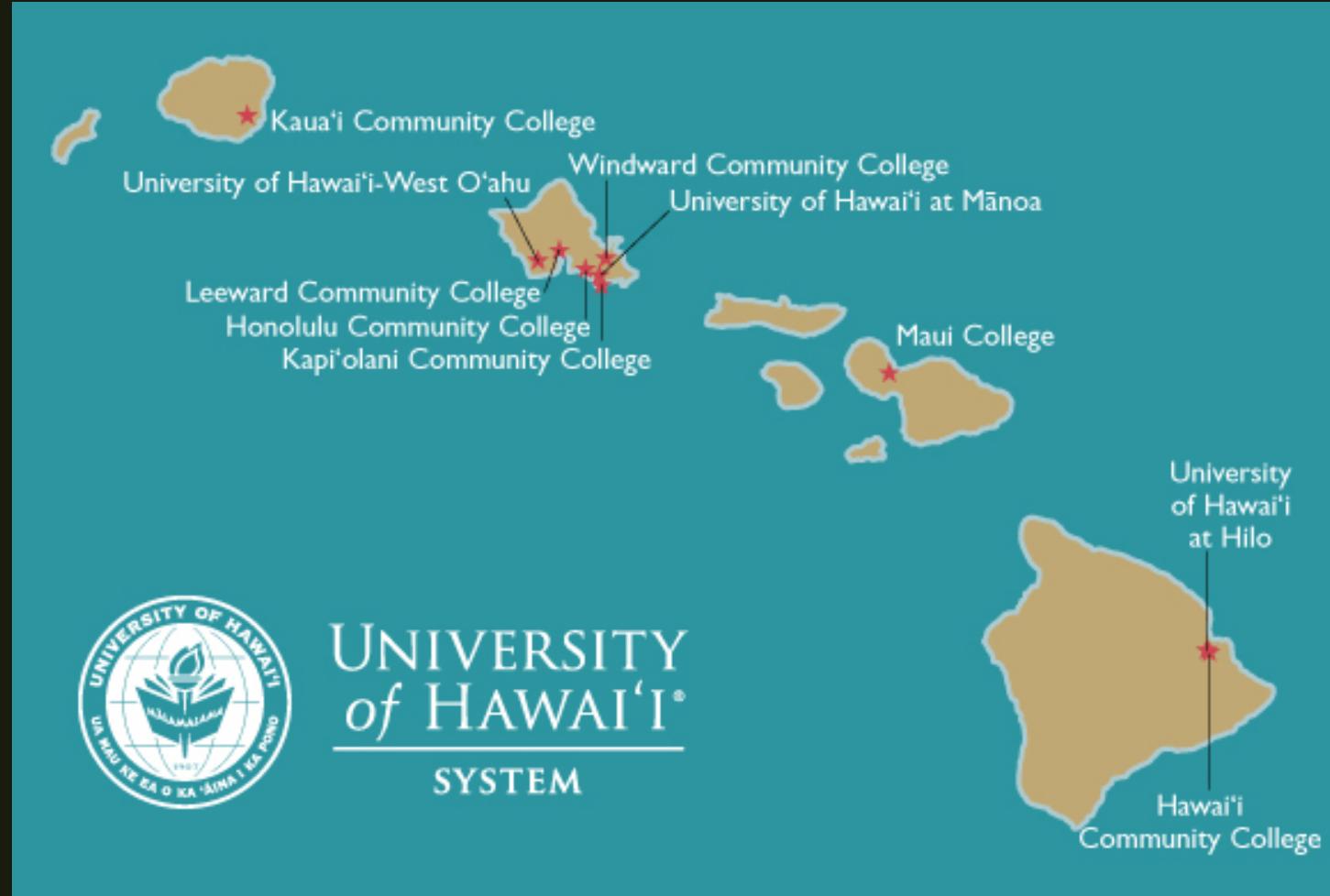
# The Research

- Too many students are not finishing- Longitudinal study by the Department of Education found that 66% of new college students starting in AY 03/04 had still not earned a degree six years later.<sup>1</sup>
- The national average credits taken for students enrolled in an associates degree (60 credits required) is 79. This means that on average students are taking 19 credits that do not apply to their degree.<sup>2</sup>
- Guided Pathways Model: The model focuses on laying out a clear, cohesive academic program for students and aligning the support services to assist students down their program path to successful completion.<sup>3</sup>

1. Alexandria Walton Radford, Lutz Berkner, Sara C. Wheless, and Bryan Shepherd. *Persistence and Attainment of 2003-04 Beginning Postsecondary Students: After 6 Years* Washington, D.C.: National Center for Education Statistics: Institute of Education Sciences, 2010, 5. (<https://nces.ed.gov/pubs2011/2011151.pdf>)

2. Complete College America. *Time is the Enemy: The Surprising Truth About Why Today's College Students aren't Graduating... And What Needs to Change.* Washington D.C.: 2011. ([http://www.completecollege.org/docs/Time\\_Is\\_the\\_Enemy\\_Summary.pdf](http://www.completecollege.org/docs/Time_Is_the_Enemy_Summary.pdf))

3. Thomas R. Bailey, Shanna Smith Jaggars, and Davis Jenkins, *Redesigning America's Community Colleges: A Clearer Path to Student Success* (Cambridge: Harvard University Press, 2015); and Davis Jenkins, "Redesigning Community Colleges for Completion: Lessons from Research on High-Performance Organizations," Working Paper No. 24 (New York: Columbia Teachers College, Community College Research Center, 2011).



## Context: The University of Hawai'i System

- 10 campuses (across the Hawaiian Archipelago)
  - 3 four-year universities
  - 1 two-year and four-year campus
  - 6 two-year campuses

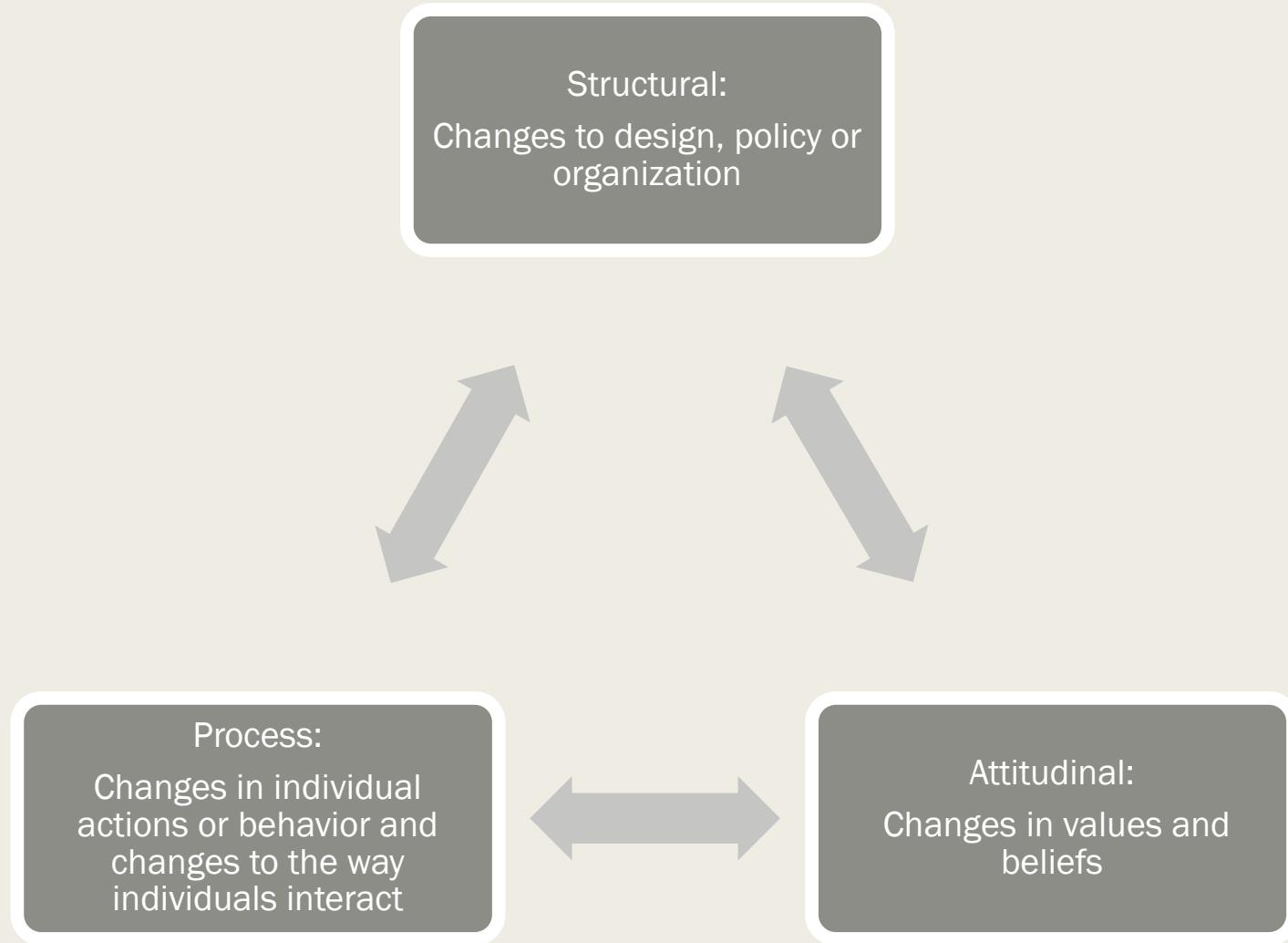
# The Charge

UH System president called for individualized academic plans for every student by Fall 2017

Leadership is essential for success

- *President called for the change*
- *State supported: 55 by '25, money for additional development of STAR (in-house technology solution)*
- *STAR team drove development*
- *UH System stakeholders provide feedback*

# Transformative Change



# How Students Previously Picked Classes

1

Use catalog or program sheet to see what courses are required

2

Check class availability website to see what classes are offered

3

Meet with an advisor to verify courses meet degree program requirements

# Why a technology tool was needed

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Insufficient advisor resources to individually work with every student to maintain an up-to-date academic plan

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Technology can automatically respond to variations based on placement, student choice, and course load differences

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Tracking student progress

# STAR: Functionality

STAR is a UH homegrown degree planning, registration and audit system

- Key Features
  - *Academic Essentials*
  - *GPS Registration (Individualized Pathway)*
  - *What If Journey*

# STAR Academic Essentials

Student Search Debug View Need Help? How To Do Exceptions Initiatives Update Core Year Logout

Starry Night Honolulu CC Undergraduate AS/NSCI (Primary) Fall 2016

15 to FINISH v2.0 Debug Demo

Student ID demoGPS

Academic Essentials GPS Registration What If Journey Batch Courses Support

Starry (Resident) has been offered and accepted and paid Federal Financial aid for Fall 2017 [View aid →](#)

Graduation Requirements Totals  View All

	Required	I have	Remaining	Status
GPA Requirements				
Cum GPA	2.00	3.78		✓
Cum GPA (100+)	2.00	3.72		✓
Credit Requirements				
Total Credits (Earned and In Progress)	60.00	53.00	7.00	✗
Earned Credits (100+)		32.00		
Earned Credits		38.00		
In Progress Credits		15.00		
Focus Requirements				
Writing Intensive	2	0	2	✗
Hawaiian, Asian, and Pacific Issues	1	0	1	✗

My Academic Pathway at Honolulu CC

AS University College Natural Science-Engineering (Fall 2016)  View All

PREREQUISITES: ENG 100 or ESL 23, or Placement in ENG 100; MATH 25 or placement in MATH 103.  
PROFICIENCY: Computational competence demonstrated by placement into MATH 100 and completion of MATH 100 or another approved course in the Quantitative or Logical Reasoning category.  
Please see an Academic Counselor for more information

The student has completed 29.00 total credits of this program's required 60.00 total credits.

Written Communication  Complete

Fall 2016	WRITTEN CO...	ENG 100	A	3.00	Honolulu C...
Fall 2016	WRITTEN CO...	ENG 100T	CR	2.00	Honolulu C...

Symbolic Reasoning  Complete

Summer 2017	SYMBOLIC R...	MATH 205	A	4	U of Hawai...
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Global and Multicultural Perspectives  Complete

Spring 2017	GLOBAL-GRO...	HIST 151	B	3.00	Honolulu C...
Spring 2017	GLOBAL-GRO...	HIST 152	A	3.00	Honolulu C...

Diversification - Arts, Humanities and Literature  Complete

Fall 2016	DIV-AHL	SP 251	B	3.00	Honolulu C...
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Diversification - Natural Sciences  Complete

Spring 2017	DIV-BIO & ...	CHEM 161	A	3.00	Honolulu C...
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Diversification - Social Science  Complete

Spring 2017	DIV-SS	ECON 120	A	3.00	Honolulu C...
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Core Requirements  Incomplete

Spring 2017	CHEM161L	CHEM 161L	A	1.00	Honolulu C...
Fall 2017	CHEM162	CHEM 162	***	3	Honolulu C...
Fall 2017	EE 150	EE 150	***	3	Honolulu C...
Summer 2017	MATH206	MATH 206	A	4	U of Hawai...
Fall 2017	MATH 231	MATH 231	***	4	Honolulu C...

Courses Not Yet Classified  View All

Events and Actions  View All

Events

Applied to Honolulu CC Fall 2016 Standard Undergraduate AS Natural Science JAN-21-2016 HON

Actions

Spring 2017 Honolulu CC Dean's List

Fall 2016 Honolulu CC Dean's List

# STAR GPS (Individualized Pathway)

Starry Night

Honolulu CC Undergraduate AS/NSCI (Primary) Fall 2016

AY 2016 - 2017

Fall 2016	Spring 2017	Summer 2017
Composition I (ENG 100) A Composition Suppl II (ENG 100T) CR Elementary Algebra I (MATH 24) A Elementary Algebra II (MATH 25) A Arts, Humanities, or ... (SP 251) B	Biological or Physical ... (CHEM 161) A General Chemistry I ... (CHEM 161L) A Social Science (ECON 120) A Global & Multicultural (HIST 151) B Global & Multicultural (HIST 152) A Precalculus: Trig & A... (MATH 140) A	Symbolic Reasoning (... (MATH 205) A Calculus 2 (MATH 206) A
Academic Events Add academic event...	Academic Events Add academic event...	Academic Events Add academic event...
Credits: 14	Credits: 16	Credits: 8

AY 2017 - 2018 + Add Summer Semester

Fall 2017	Spring 2018
General Chemistry II (CHEM 162) *** Introduction to Com... (EE 150) *** Calculus III (MATH 231) MATH 231 *** Physics I (PHYS 170) PHYS 170 *** Physics I Lab (PHYS ... (PHYS 170L) ***	General Chemistry I (CHEM 161) ★ CHEM 161 Physics II (PHYS 272) ★ PHYS 272 Physics II Lab (PHYS ... (PHYS 272L) Calculus IV (MATH 2... (MATH 232) ★ MATH 232 Science Elective Applied Math (CE 270)/Basics Circuit Analysis... Academic Events Add academic event...
Academic Events Add academic event...	Academic Events Add academic event...
Register - Add/Drop Classes	Register - Add/Drop Classes
Credits: 15	Credits: 17

Pathway Narrative  
Pathway Notes  
Focus Requirements  
Test Scores  
AY 2016 - 2017  
AY 2017 - 2018 (current)  
Graduation  
(d) Dynamic Electives  
Sandbox  
Drop any requirement into the Sandbox if you are unsure when you would like to take the requirement.

Learning Support Courses

15 to FINISH v2.0 Debug Demo

Student ID demoGPS

View Need Help? How To Do Exceptions Initiatives Update Core Year Logout

Academic Essentials GPS Registration What If Journey Batch Courses Support

GPS Registration AS Natural Science-Engineering

A GPA: 3.78 Credits in Plan: 70.00 ?

# STAR GPS Registration

**15 to FINISH v2.0**

[Back to Requirements](#)

Campus: Honolulu CC Semester: Spring 2018

Show Closed Courses

Course Title	CRN	Cr	Instructor	Dates	Seats Avail.	Expand
AG 100 Intro to Agricultural Sciences MW   1:00 PM - 2:15 PM   HON BLD05 220	24384	3cr	Smith Isaiah	1/8/2018 » 5/11/2018	20 of 20	
Time Conflict BOT 105 H-Hawaiian Plants & Their Uses MW   11:30 AM - 12:45 PM   HON BLD07 635 	24482	3cr	DeLay John	1/8/2018 » 5/11/2018	15 of 15	
Time Conflict BOT 105 Hawaiian Plants & Their Uses TR   8:30 AM - 9:45 AM   HON BLD07 535A 	24483	3cr	Keaulana Jerald	1/8/2018 » 5/11/2018	13 of 14	
Time Conflict BOT 105 H-Mea Kanu:Hawn Plants MW   10:00 AM - 11:15 AM   HON BLD05 220 	24665	3cr	Smith Isaiah	1/8/2018 » 5/11/2018	15 of 15	
Time Conflict GEOG 101 The Natural Environment TR   11:30 AM - 12:45 PM   HON BLD07 635 	24761	3cr	DeLay John	1/8/2018 » 5/11/2018	30 of 30	
Time Conflict GEOG 101L The Natural Environmental Lab R   1:00 PM - 3:30 PM   HON BLD07 635 	25087	1cr	DeLay John	1/8/2018 » 5/11/2018	25 of 25	
Time Conflict GG 101L Introduction Geology Lab W   1:00 PM - 3:50 PM   HON BLD05 141 	23474	1cr	Gazdar Nasir	1/8/2018 » 5/11/2018	18 of 18	
Time Conflict GG 101L Introduction Geology Lab TBA   WWW 	24078	1cr	Gazdar Nasir	1/8/2018 » 5/11/2018	18 of 18	
Time Conflict GG 103 Geology of the Hawn Islands MW   11:30 AM - 12:45 PM   HON BLD05 141	23473	3cr	Gazdar Nasir	1/8/2018 » 5/11/2018	18 of 18	
Time Conflict GG 103 Geology of the Hawn Islands TBA   WWW	24243	3cr	Gazdar Nasir	1/8/2018 » 5/11/2018	18 of 18	
Time Conflict HWST 105 Hawaiian Plants & Their Uses TR   8:30 AM - 9:45 AM   HON BLD07 535A 	24305	3cr	Keaulana Jerald	1/8/2018 » 5/11/2018	13 of 13	
Time Conflict HWST 105 H-Hawaiian Plants & Their Uses MW   11:30 AM - 12:45 PM   HON BLD07 635 	24309	3cr	DeLay John	1/8/2018 » 5/11/2018	15 of 15	
Time Conflict HWST 105 H-Hawaiian Plants & Their Uses MW   10:00 AM - 11:15 AM   HON BLD05 220 	24664	3cr	Staff	1/8/2018 » 5/11/2018	15 of 15	

Science Elective Courses below satisfy this requirement

Requirements

General Chemistry I	CHEM 161
Physics II (PHYS 272)	PHYS 272
Physics II Lab (PHYS 272L)	PHYS 272L
Calculus IV (MATH 232)	MATH 232
Applied Math (CE)	
Science Elective	ZOOL 141

+ Add Classes to Google Calendar

M	T	W	R	F	S	U
800a						
830a	CHEM 161	CHEM 161	CHEM 161	CHEM 161		
900a						
930a						
1000a	ZOOL 141	ZOOL 141	ZOOL 141	ZOOL 141		
1030a						
1100a						
1130a						
1200p						
1230p						
100p	MATH 232	MATH 232				
130p						
200p						
230p						
300p						
330p						
400p						
430p						

# STAR What If

## What If Journey

Campus

Honolulu CC

Level

Undergraduate

Program

- Administration of Justice - AAS
- Aeronautics Maint Tech - AS
- Aeronautics Maint Tech - CA
- Applied Trades - AAS
- Applied Trades - CA
- Applied Trades-Pearl Harbor Naval Shipyard - AAS
- Architectural Eng & CAD Tech - AS
- Architectural Eng & CAD Tech - CA
- Architectural Eng & CAD Tech-Cadment - AS

Search

Search programs...

Submit

[Switch to Advanced View](#)

# Process Changes

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Increased collaboration between academic programs and academic counselors to ensure course sequencing/offerings make sense for student needs

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Changes to student course selection process

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Changes to how students plan for degree changes/transfer

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Teaching students how to use the tool

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Responding to real time date about course registration errors and institutional obligations

# Attitudinal Changes

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Shift in understanding about the optimal student experience

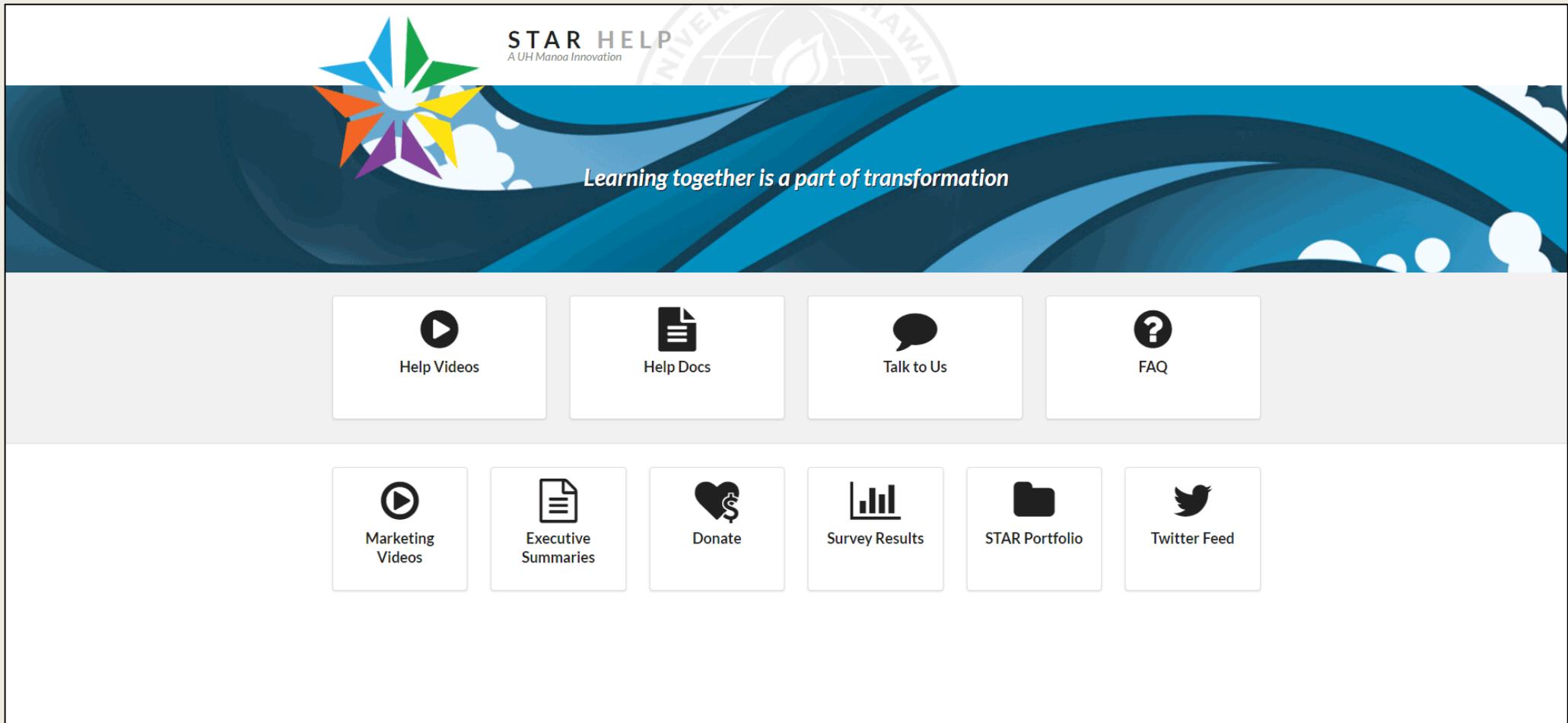
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Counselors understand the value of using the tool

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Shift in the understanding of the role of the academic counselor

For more information:  
[www.star.hawaii.edu/help](http://www.star.hawaii.edu/help)



# Give us your feedback

<https://www.surveymonkey.com/r/Nov2017TLT>



## Happy Holidays!

See you on January 16, 2018 for our next TLT!