

Welcome to Teaching + Learning Tuesdays

November 28, 2017 | 2:30PM

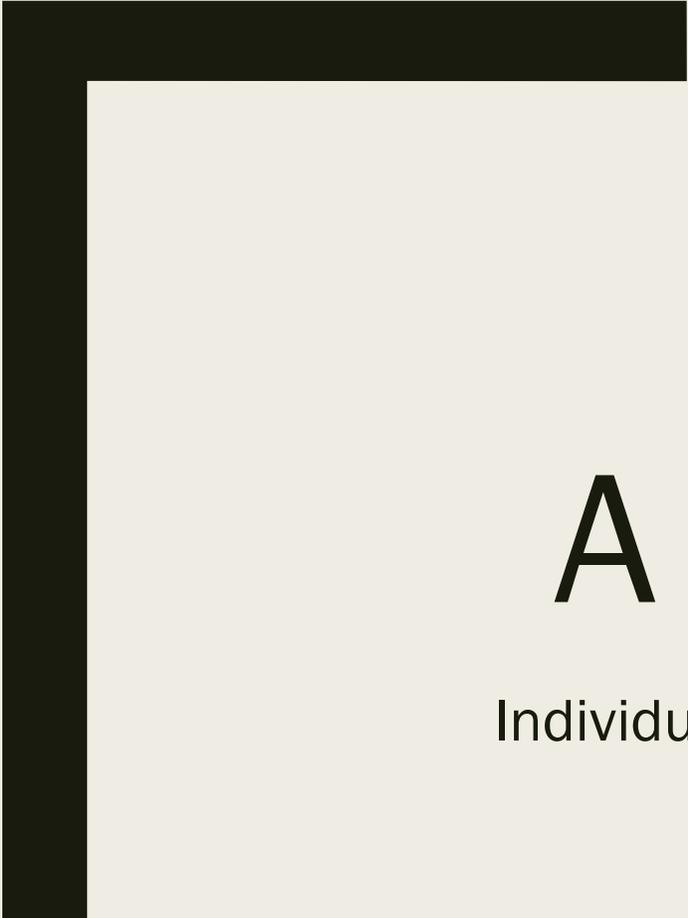


Please adjust your audio using the
Audio Setup option under the
Meeting menu.



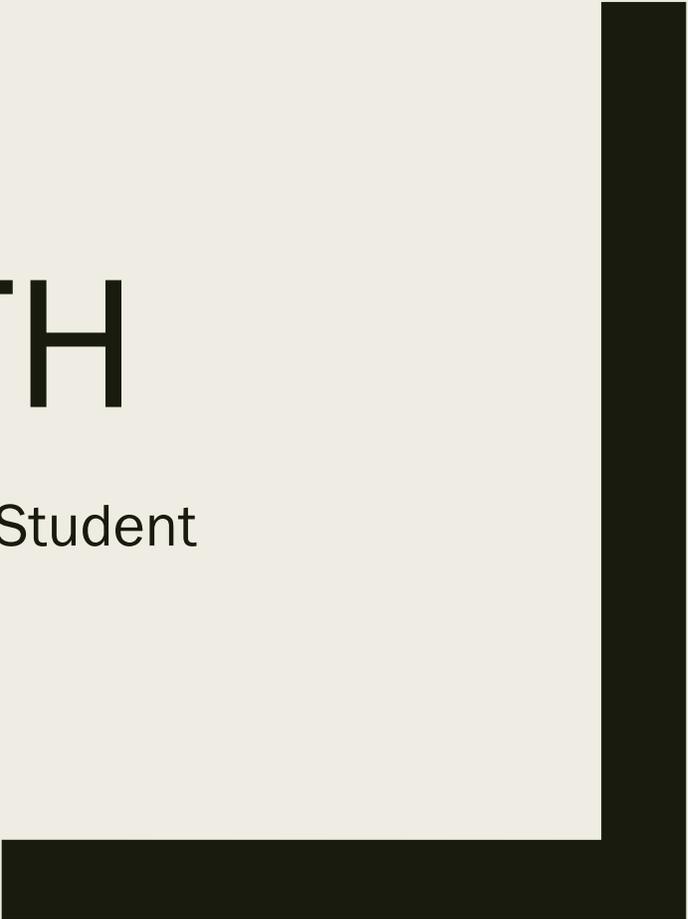
Teaching + Learning Tuesday





A CLEAR PATH

Individualized Degree Planning for Every Student



The Landscape

Community colleges were designed to increase access to college

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

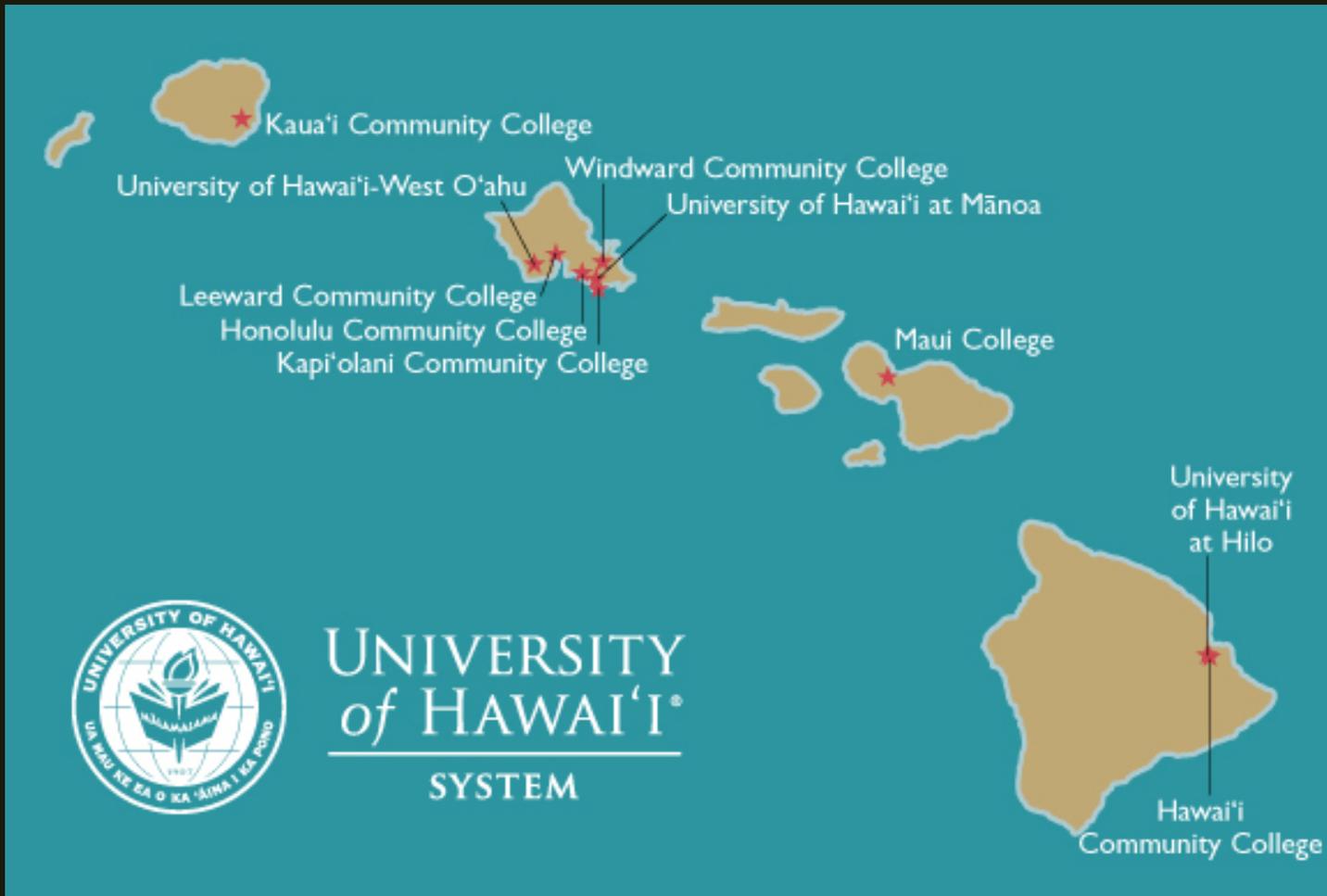
Institutions are seeking out solutions to increase completion and become more student ready

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.¹
- 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.²
- 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.³

1. Alexandria Walton Radford, Lutz Berkner, Sara C. Wheelless, 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)
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 Hawaii System

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

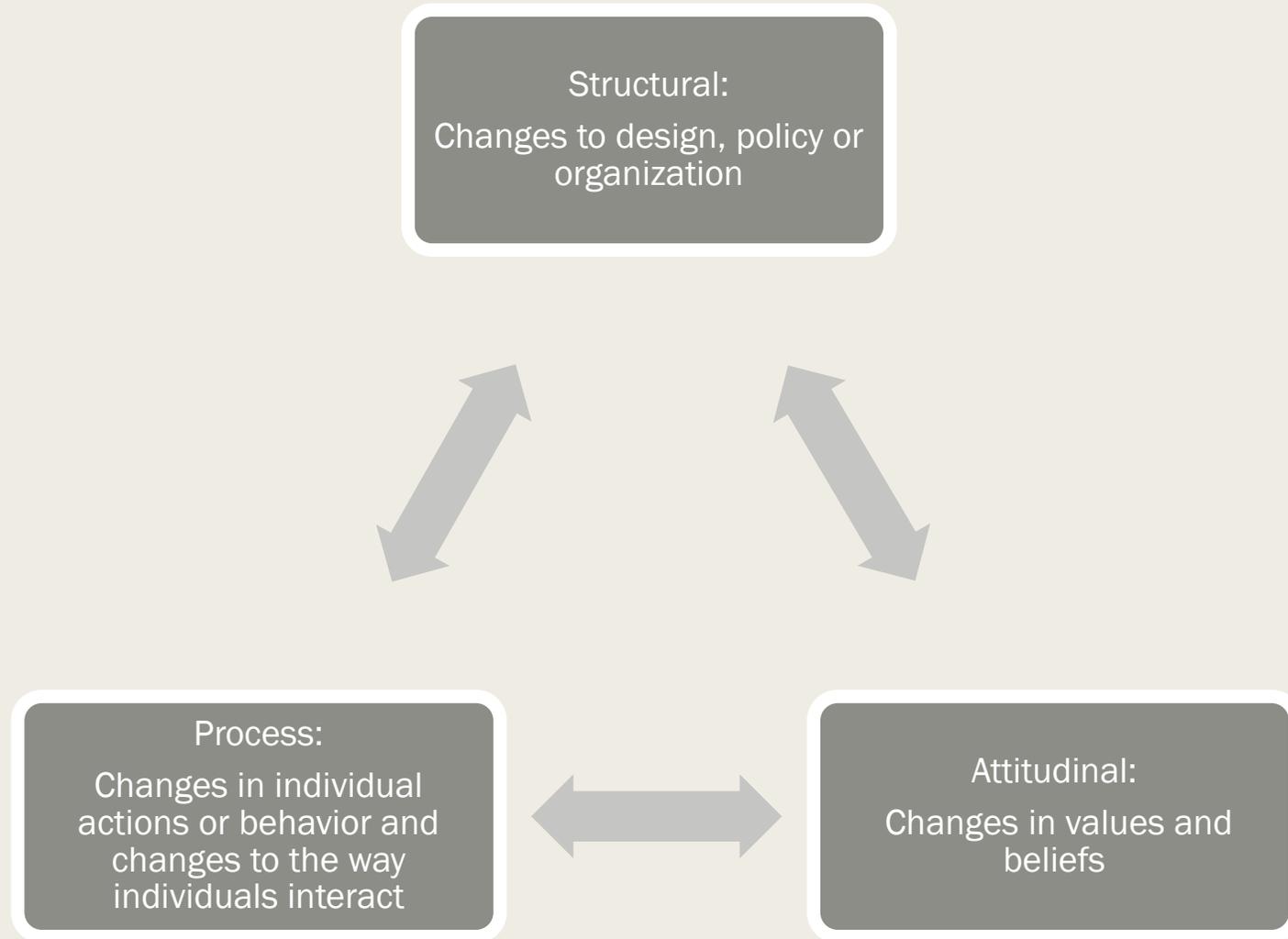
The Charge

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

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

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

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 ID demoGPS

Honolulu CC Undergraduate AS/NSCI (Primary) Fall 2016

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

Print

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	✗

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

My Academic Pathway at Honolulu CC



STAR GPS (Individualized Pathway)



Starry Night

Student ID

Honolulu CC Undergraduate AS/NSCI (Primary) Fall 2016

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 ? ↻

AY 2016 - 2017

Fall 2016		
Composition I (ENG ...	ENG 100	A
Composition Suppl II	L ENG 100T	CR
Elementary Algebra I	L MATH 24	A
Elementary Algebra II	L MATH 25	A
Arts, Humanities, or ...	SP 251	B
Academic Events		
Add academic event...		

Credits: 14

Spring 2017		
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...	L MATH 140	A
Academic Events		
Add academic event...		

Credits: 16

Summer 2017		
Symbolic Reasoning (...	MATH 205	A
Calculus 2 (MATH 20...	MATH 206	A
Academic Events		
Add academic event...		

Credits: 8

AY 2017 - 2018

+ Add Summer Semester

Fall 2017		
General Chemistry II ...	CHEM 162	***
Introduction to Com...	EE 150	***
Calulus III (MATH 231)	MATH 231	***
Physics I (PHYS 170)	PHYS 170	***
Physics I Lab (PHYS ...	PHYS 170L	***
Academic Events		
Add academic event...		
<input type="button" value="Register - Add/Drop Classes"/>		

Credits: 15

Spring 2018		
General Chemistry I (...	★ CHEM 161	
Physics II (PHYS 272)	★ PHYS 272	
Physics II Lab (PHYS ...	★ PHYS 272L	
Calculus IV (MATH 2...	★ MATH 232	
Science Elective		
Applied Math (CE 270)/Basics Circuit Analysi...		
Academic Events		
Add academic event...		
<input type="button" value="Register - Add/Drop Classes"/>		

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

STAR GPS Registration



Back to Requirements

Continue

Campus: Honolulu CC
Semester: Spring 2018

Course Title: Search by course title...

Day: MON, TUES, WED, THUR, FRI, SAT, SUN

Course Alpha: --
Course Number: From To

Start Date (on or after): Start Date

Hide classes with prereqs

SEARCH

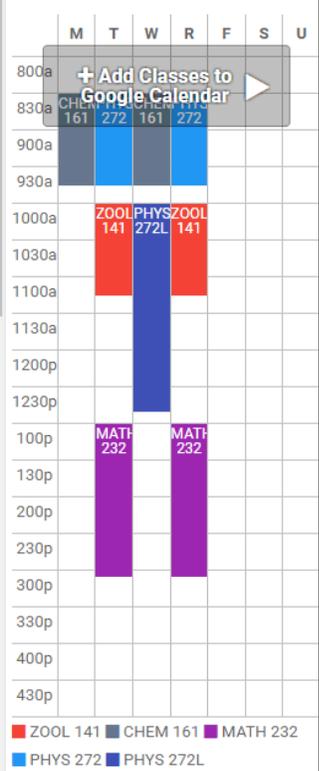
Show Closed Courses

Science Elective

Courses below satisfy this requirement

	Course Title	CRN	Cr	Instructor	Dates	Seats Avail.	Expand
<input type="radio"/>	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 Has Prereq	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 Has Prereq	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 Has Prereq	24665	3cr	Smith Isaiah	1/8/2018 » 5/11/2018	15 of 15	▼
<input type="radio"/>	GEOG 101 The Natural Environment TR 11:30 AM - 12:45 PM HON BLD07 635 Has Prereq	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 Has Prereq	25087	1cr	DeLay John	1/8/2018 » 5/11/2018	25 of 25	▼
<input type="radio"/>	GG 101L Introduction Geology Lab W 1:00 PM - 3:50 PM HON BLD05 141 Has Prereq	23474	1cr	Gazdar Nasir	1/8/2018 » 5/11/2018	18 of 18	▼
<input type="radio"/>	GG 101L Introduction Geology Lab TBA WWW Has Prereq	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	▼
<input type="radio"/>	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 Has Prereq	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 Has Prereq	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 Has Prereq	24664	3cr	Staff	1/8/2018 » 5/11/2018	15 of 15	▼

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



Add Classes to Google Calendar

STAR What If

What If Journey

Campus

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 - CA

Search

Submit

[Switch to Advanced View](#)

Process Changes

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

Changes to student course selection process

Changes to how students plan for degree changes/transfer

Teaching students how to use the tool

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

Attitudinal Changes

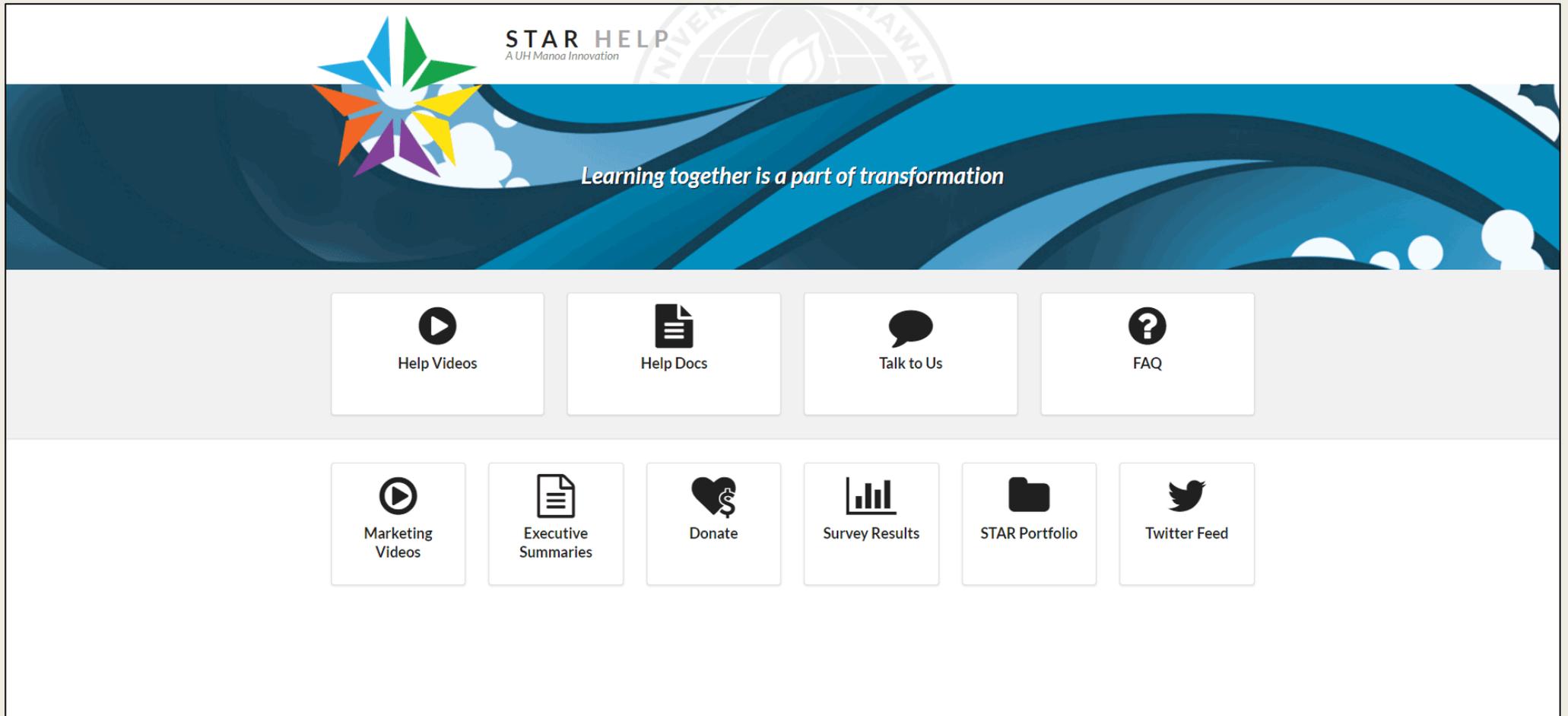
Shift in understanding about the optimal student experience

Counselors understand the value of using the tool

Shift in the understanding of the role of the academic counselor

For more information:

www.star.hawaii.edu/help



The screenshot shows the top section of the STAR HELP website. At the top left is a colorful starburst logo. To its right, the text reads "STAR HELP" in a bold, sans-serif font, with "A UH Manoa Innovation" in a smaller font below it. The background of the header is a blue and white graphic of waves. Below the header is a navigation bar with eight white buttons, each containing an icon and a label. The buttons are arranged in two rows of four.

STAR HELP
A UH Manoa Innovation

Learning together is a part of transformation

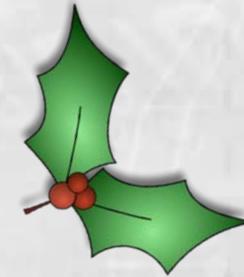
- Help Videos
- Help Docs
- Talk to Us
- FAQ
- Marketing Videos
- Executive Summaries
- Donate
- Survey Results
- STAR Portfolio
- Twitter Feed

Give us your feedback

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



Happy Holidays!



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