

# Automating Academic Program Assessment Reporting with our In-House Tool

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University of Houston

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Alexandria, Virginia  
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## Background

- University of Houston
  - Founded in 1927
  - Flagship of the University of Houston System
  - Public, Tier One research university
  - US News # 132, Forbes # 107, Princeton Review # 37, Times Higher Ed # 401
  - 285 undergraduate, graduate, and professional programs <sup>1</sup>
  - Fall 2024 enrollment: 47,980 <sup>2</sup>



## Why a New Tool: Optimizing our Operations


- Automating the manual process
- Improving our workflow and efficiency
- Meeting modern demands
- Simplifying our work
- Data should be easily accessible
- Focus on key metrics

## What is APAR?

- APAR – Academic Program Assessment Report
- Describes student learning outcomes and assessment activities for each degree program
- Elements
  - Assessment items, Learning & Program Outcomes
  - Assessment Results and Analysis
  - Program improvement plans and historical data
- Method
  - Performance/assessment data is collected, analyzed, and reported annually

# Assessment Report Template

- Manually created each year for every degree plan.
- Series of Word files created, turned into PDFs.
- Takes hours to complete.


**UNIVERSITY of  
HOUSTON**

## ACADEMIC PROGRAM ASSESSMENT REPORT

DEPARTMENT & PROGRAM:

ACADEMIC PROGRAM MISSION:

### STUDENT LEARNING OUTCOMES

Student Learning Outcome 1:

Student Learning Outcome Assessment:

Performance Standard:

Assessment Results & Analysis:

Program Improvement Plans:

Prior Program Improvement(s):

Are there any improvements based on previous year's assessment activities that are being reviewed this year? If so, what were the findings? Are this year's results tied to any changes made last year?

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Student Learning Outcome 2:

Student Learning Outcome Assessment:

Performance Standard:


Assessment Results & Analysis:

Program Improvement Plans:

Prior Program Improvement(s):

Are there any improvements based on previous year's assessment activities that are being reviewed this year? If so, what were the findings? Are this year's results tied to any changes made last year?

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**UNIVERSITY of  
HOUSTON**

## ACADEMIC PROGRAM ASSESSMENT REPORT

Student Learning Outcome 3:

Student Learning Outcome Assessment:

Performance Standard:

Assessment Results & Analysis:

Program Improvement Plans:

Prior Program Improvement(s):

Are there any improvements based on previous year's assessment activities that are being reviewed this year? If so, what were the findings? Are this year's results tied to any changes made last year?

---

### PROGRAM OUTCOMES

**Program Outcome 1 (Student Achievement – FTIC Undergraduate Graduation Rate [if Applicable]):**  
The percentage of a First Time in College **bachelors** (or equivalent) degree-seeking cohort who graduated within six academic years or less.

Program Outcome Assessment:

Performance Standard:

Assessment Results & Analysis:

Program Improvement Plans:

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**Program Outcome 2 (Student Achievement – FTIC Undergraduate Retention Rate [if applicable])**  
Percentage of First Time in College **bachelors** (or equivalent) degree-seeking undergraduates from the previous fall who are again enrolled in the current fall.

Program Outcome Assessment:

Performance Standard:

Assessment Results & Analysis:

Program Improvement Plans:

Prior Program Improvement(s):

# Assessment Report Template

## STUDENT LEARNING OUTCOMES

### Student Learning Outcome 1:

**Student Learning Outcome Assessment:**

**Performance Standard:**

**Assessment Results & Analysis:**

**Program Improvement Plans:**

**Prior Program Improvement(s):**

## PROGRAM OUTCOMES

**Program Outcome 1 (Student Achievement – FTIC Undergraduate Graduation Rate [If Applicable]):**

The percentage of a First Time in College **bachelors** (or equivalent) degree-seeking cohort who graduated within six academic years or less.

**Program Outcome Assessment:**

**Performance Standard:**

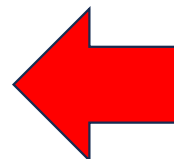
**Assessment Results & Analysis:**

**Program Improvement Plans:**

Are there any improvements based on previous year's assessment activities that are being reviewed this year? If so, what were the findings? Are this year's results tied to any changes made last year?

# Assessment Report Checklist

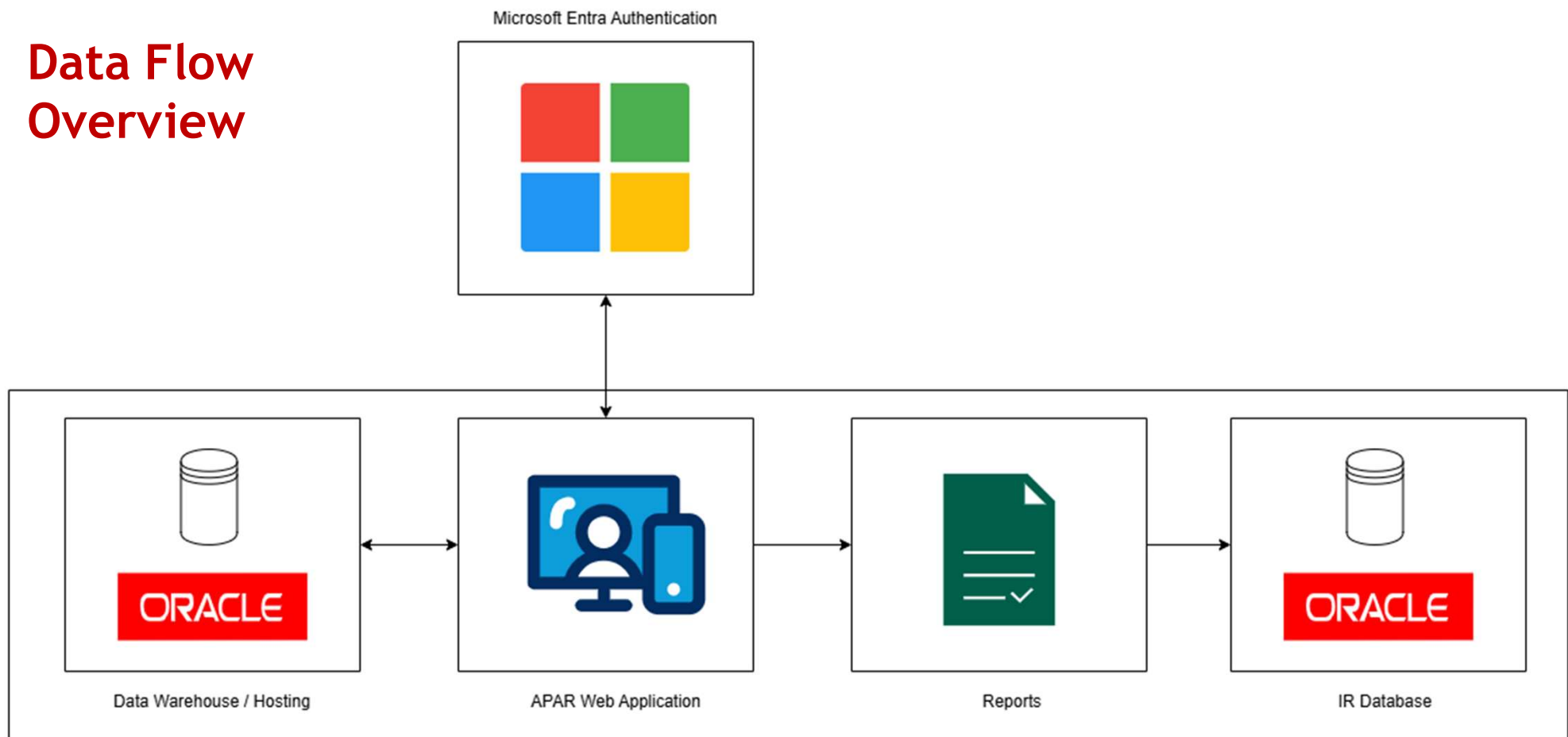
- Learning Outcome Assessments
- Assessment Results
- Performance Standard
- Performance Improvement Plans
- Prior Program Improvements



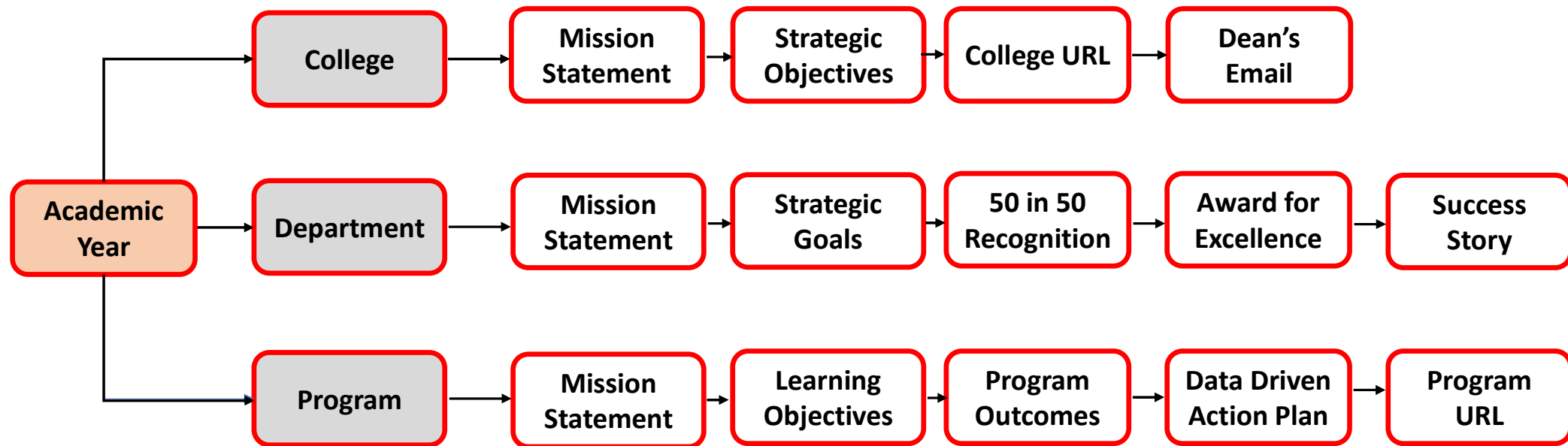
Elements of Academic Program Assessment Report	Expectations Clearly Established	Meets Expectations	Comments or Suggestions
LEARNING OUTCOMES	Learning outcomes clearly and concisely describe what students will know or be able to do.	<input type="checkbox"/>	
	Learning outcomes are measurable and observable.	<input type="checkbox"/>	
	Learning outcomes are described in the context of the discipline.	<input type="checkbox"/>	
LEARNING OUTCOME ASSESSMENTS	Describes at least one direct measure for each learning outcome including the rationale for use. Assessment document is attached or discussed.	<input type="checkbox"/>	
	Skill or knowledge assessed by measure is directly aligned to the focus of the learning outcome.	<input type="checkbox"/>	
PERFORMANCE STANDARD	Identifies a program-level (aggregate) performance benchmark (quantitative) for each outcome.	<input type="checkbox"/>	
ASSESSMENT RESULTS	Provides assessment results for measure(s) including comparison to performance benchmark.	<input type="checkbox"/>	
	Identifies who is involved in discussion of findings.	<input type="checkbox"/>	
	Clearly indicates whether the performance standard was met, not met, or inconclusive.	<input type="checkbox"/>	
	0. Provides analysis and interpretation of assessment data including what the results mean for the program.	<input type="checkbox"/>	
PROGRAM IMPROVEMENT PLANS	1. Describes how assessment results will be used to make programmatic improvements, (e.g., change/revise learning outcomes, courses, or curriculum) OR, if standard is met, describes how the program will use assessment results to ensure continued achievement of benchmark.	<input type="checkbox"/>	
PRIOR PROGRAM IMPROVEMENTS	2. Describes program improvements informed by previous year's assessment activities and results.	<input type="checkbox"/>	
PROGRAM OUTCOMES	3. Describes a specific measurable area (FTIC Retention Rate, FTIC Graduation Rate, Number of Graduate Degrees Awarded, and Licensure/Board Pass Rates of emphasis for the program.	<input type="checkbox"/>	
PROGRAM OUTCOME ASSESSMENTS	4. Describes the measure or metric used to collect data about the outcome.	<input type="checkbox"/>	
PERFORMANCE STANDARD	5. Provides a performance benchmark (quantitative) for the measure or metric.	<input type="checkbox"/>	
ASSESSMENT RESULTS	6. Provides assessment results, including comparison to performance benchmark.	<input type="checkbox"/>	
	7. Identifies who is involved in discussion of findings (such as the majority, if not all, of degree program faculty).	<input type="checkbox"/>	
	8. Clearly indicates whether performance standard was met, not met, or inconclusive.	<input type="checkbox"/>	
	9. Provides analysis and interpretation of assessment data including what the results mean for the program.	<input type="checkbox"/>	
PROGRAM IMPROVEMENT PLANS	0. Describes how assessment results will be used to make programmatic improvements, (e.g., change/revise learning outcomes, courses, or curriculum) OR, if standard is met, describes how the program will use assessment results to ensure continued achievement of benchmark.	<input type="checkbox"/>	
PRIOR PROGRAM IMPROVEMENTS	1. Describes program improvements informed by previous year's assessment activities and results.	<input type="checkbox"/>	
Additional Comments:			

-

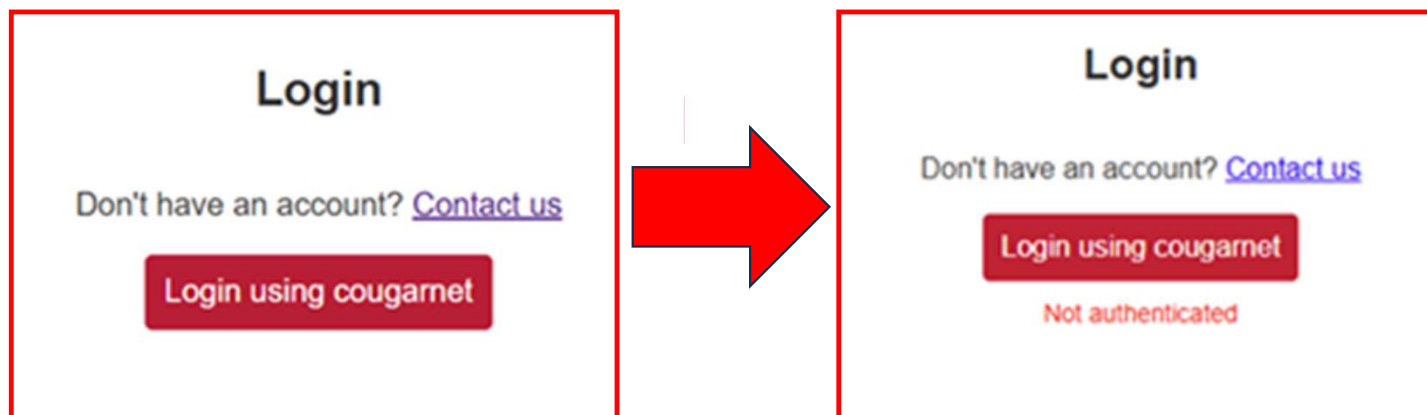
## Data Flow Overview



## Report Items



## APP Overview: Key Screenshots



 UNIVERSITY OF HOUSTON  
Microsoft 365

## Sign in

CougarNetID@cougarnet.uh.edu

[Can't access your account?](#)

Next

### \*\*\*\* Important Security Information \*\*\*\*

Use of University of Houston computing and network facilities requires prior authorization. Unauthorized use is prohibited. Usage may be subject to security testing and monitoring. Misuse is subject to criminal prosecution. Users have no expectation of privacy except as otherwise provided by applicable privacy laws.

A complete manual of security policies and procedures is available at [www.uh.edu/infotech](http://www.uh.edu/infotech).

UH enforces use of Strong Passwords in accordance with Texas Administrative Code 202, which requires complex passwords to protect systems, data, and networks at state universities.

UH Strong Passwords need to have: 1. Minimum length: 8 characters 2. At least one character from each of the following: a. Upper or lower case (a-z, A-Z) b. Numeric: 0-9 c. Special Character: ! # % & ( ) \* @ ^ .

More information: [www.uh.edu/strongpasswords](http://www.uh.edu/strongpasswords)

 Sign-in options



## Welcome to the APAR Portal

APAR (Academic Planning and Assessment Reporting) is a web application that consolidates and stores annual reports for colleges, departments, and academic programs at the University of Houston.

### How to use the APAR Portal:

1. Navigate to the Fill APAR tab from the sidebar or home screen.
2. Select the reporting year from the left dropdown menu.
3. Select college, department, or program according to the level of report (college level, department level, program level) that you want to create.
4. Click on the '+ Report Items' button to add report items.
5. Select the report item you want to add. It will get added to the report items tab. Click on it to open the report item form.
6. Fill in the required information and click on the 'Save' button. You can also edit the current report status accordingly. 'Mark for review' will lock the report and prevent any further changes.
7. Click on the 'Attachments' tab to upload any files related to the report.
8. Click on the 'Report' tab to generate an html/pdf version of the report.
9. You can use the history list or select the desired level again to go back to the previous report items you have added.

For more information, please [contact us](#)

Get Started








Fill APAR



Glossary



Contact

Reporting Year:  
--Reporting Year--

College:  
--Select College--

Department:  
--Select Department--

Program:  
--Select Program--

Clear above selection

### Instructions:

- From the left dropdown menu, select the reporting year, college, department, and program of the report that you want to create.
- Click on the '+ Report Items' button to select the report item you want to add. It will get added to the report items tab. Click on it to open the respective report item's form.
- Fill in the required information and click on the 'Save' button. You can also click on the 'Attachments' tab to upload any files related to the report and click on the 'Report' tab to generate an html/pdf version of the report.

### Report Parameters

Reporting Year:

College:

Department:

Program:

### No Level Selection

Current Report Status:

-- Select status --

Update

Report Items	Attachments	Report
<div>Select a level to add report items</div>		

Home

Report Items

Attachments

Report

History

Reporting Year:

2024 ▾

College:

--Select College-- ▾

--Select College--

Architecture & Design

Arts

Business

Education

Engineering

Global Hospitality Leadership

Law

Liberal Arts & Social Sciences

Medicine

Natural Sciences & Mathematics

Nursing

Optometry

Pharmacy

Public Affairs

Social Work

Technology

Undergraduate Student Success

**Instructions:**

- From the left dropdown menu, select the reporting year, college, department, and program of the report that you want to create.
- Click on the '+ Report Items' button to select the report item you want to add. It will get added to the report items tab. Click on it to open the respective report item's form.
- Fill in the required information and click on the 'Save' button. You can also click on the 'Attachments' tab to upload any files related to the report and click on the 'Report' tab to generate an html/pdf version of the report.

**Report Parameters**

Reporting Year: 2024

College:

Department:

Program:

**No Level Selection**
**Current Report Status:**

-- Select status -- ▾

**Update**

Report Items	Attachments	Report
<div>Select a level to add report items</div>		

**History**


## Report Parameters

Reporting Year: 2024  
Engineering  
ert:

## Level Report

**Current Report Status:**

```
-- Select status --
```

Update

### Report Items

### Attachments

## Report

+ Report College Items

## History

### Report Parameters

Program:

## Department Level Report

**Current Report Status:**

-- Select status -- ▾

Update

Report Items	Attachments	Report
		<div data-bbox="1362 927 1629 932"> <div data-bbox="1362 927 1629 932">+ Report Department Items</div> </div>

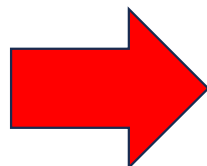
## History

UNIVERSITY OF HOUSTON

Reporting Year: 2024

College: --Select College--

- Select College--
- Architecture & Design
- Arts
- Business
- Education
- Engineering
- Global Hospitality Leadership
- Law
- Liberal Arts & Social Sciences
- Medicine
- Natural Sciences & Mathematics
- Nursing
- Optometry
- Pharmacy
- Public Affairs
- Social Work
- Technology
- Undergraduate Student Success

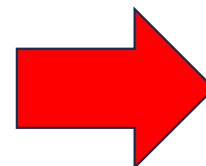


Reporting Year: 2024

College: Engineering

Department: --Select Department--

- Select Department--
- Biomedical Engineering
- Chemical & Biomolecular Engineering
- Civil & Environmental Engineering
- Construction Management
- Electrical & Computer Engineering
- Engineering (Interdepartmental)
- Engineering Technology
- Human Development & Consumer Sciences
- Industrial Engineering
- Information Science Technology
- Mechanical Aerospace Engr
- Petroleum Engineering








Reporting Year: 2024

College: Engineering

Department: Electrical & Computer

Program: --Select Program--

- Select Program--
- Cognitive Science, CERTGRAD
- Computer & Systems Engr, MS
- Computer Engineering, PhD
- Computer Engr Analytics, BSCEA
- Computer Engr, BSCPE
- Ele Egr-Comp Egr Opt, BSEE
- Electrical Engr, BSEE
- Electrical Engr, MEE
- Electrical Engr, MSEE
- Electrical Engr, PHD

Reporting Year:  
2024
College:  
Engineering
Department:  
Electrical & Computer
Program:  
Electrical Engr, BSEE
Clear above selection

**Instructions:**

- From the left dropdown menu, select the reporting year, college, department, and program of the report that you want to create.
- Click on the '+ Report Items' button to select the report item you want to add. It will get added to the report items tab. Click on it to open the respective report item's form.
- Fill in the required information and click on the 'Save' button. You can also click on the 'Attachments' tab to upload any files related to the report and click on the 'Report' tab to generate an html/pdf version of the report.






**Report Parameters**

Reporting Year: 2024  
College: Engineering  
Department: Electrical & Computer Engineering  
Program: Electrical Engr, BSEE

**Program Level Report**

Current Report Status: -- Select status -- Update

Report Items	Attachments	Report
<div>+ Report Program Items</div>		

Reporting Year:  
2024

College:  
Engineering

Department:  
Electrical & Computer

Program:  
Electrical Engr, BSEE

Clear above selection

**Instructions:**

- From the left dropdown menu, select the reporting year, college, department, and program of the report that you want to create.
- Click on the '+ Report Items' button to select the report item you want to add. It will get added to the report items tab. Click on it to open the respective report item's form.
- Fill in the required information and click on the 'Save' button. You can also click on the 'Attachments' tab to upload any files related to the report and click on the 'Report' tab to generate an html/pdf version of the report.

**Report Parameters**

Reporting Year: 2024

College: Engineering

Department: Electrical &amp; Computer Engineering

Program: Electrical Engr, BSEE

**Program Level Report**

Current Report Status:

-- Select status --

Update

Report Items	Attachments	Report

**History**

+ Report Program Items

Program Mission Statement

Student Learning Outcome

Program Outcomes

Data-driven Action Plan

Program URL

Program Director Email

Department:

Electrical & Computer ▾

Program:

Electrical Engr, BSEE ▾

Clear above selection

Program Level Report

Save

Close

Program Url ?

Use **Ctrl + C** to copy and **Ctrl + V** to paste text from other areas. Pasting from different sources may result in formatting issues. Please use **Ctrl + C** to copy and **Ctrl + Shift + V** to paste to avoid any formatting related issues in the final report.

Please provide the url to the website that addresses this specific program within the department.

File Edit View Insert Format Tools Table





↶ ↷

Paragraph ▾

System Font ▾

12pt ▾

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0 words ↗

Save

Close

Current Report Status:

-- Select status -- ▾

Update

Top

22

Please provide the url to the website that addresses this specific program within the department.

File Edit View Insert Format Tools Table

Paragraph System Font 12pt B I U

0 words

Did you meet your performance standard? ☒ Yes ☐ No

Student Learning Outcome 1

Please enter a brief title/theme for the student learning outcome.

Learning Outcome Title

Use Ctrl + C to copy and Ctrl + V to paste text from other areas. Pasting from different sources may result in formatting issues. Please use Ctrl + C to copy and Ctrl + Shift + V to paste to avoid any formatting related issues in the final report.

Describe an observable/measurable discipline specific knowledge or skill that should result from academic program instruction. The purpose is to identify key student knowledge or skills that stakeholders (e.g. faculty and administrators) would find useful to monitor for supporting and

File Edit View Insert Format Tools Table

Paragraph System Font 12pt B I U

0 words

Assessment Method

Use Ctrl + C to copy and Ctrl + V to paste text from other areas. Pasting from different sources may result in formatting issues. Please use Ctrl + C to copy and Ctrl + Shift + V to paste to avoid any formatting related issues in the final report.

What is the assessment activity that is being used to collect data for the learning outcome (e.g. exams, presentations, performances, papers)? Does the assessment activity provide data that directly ties back to the outcome? Measures should not focus on course grades, pass rates, or

File Edit View Insert Format Tools Table

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0 words

Performance Standard

Use Ctrl + C to copy and Ctrl + V to paste text from other areas. Pasting from different sources may result in formatting issues. Please use Ctrl + C to copy and Ctrl + Shift + V to paste to avoid any formatting related issues in the final report.

How well must students perform as a group to demonstrate that the outcome is being achieved? What is the program benchmark for this outcome? For example, 90% of students must be rated as "meets expectations or better" on the writing proficiency dimension of a rubric used to

File Edit View Insert Format Tools Table

Paragraph System Font 12pt B I U

0 words

Assessment Results

Use Ctrl + C to copy and Ctrl + V to paste text from other areas. Pasting from different sources may result in formatting issues. Please use Ctrl + C to copy and Ctrl + Shift + V to paste to avoid any formatting related issues in the final report.

What were the actual assessment results? Do the assessment results meet the performance standard? What do the results mean to students,

Did you meet your performance standard? ☒ Yes ☐ No

23

## Program Level Report

Current Report Status:

In Progress

Update

Create/Edit Report	Add/View Attachments	View/Print Report
<div style="text-align: right; border: 2px solid red; padding: 5px; display: inline-block;">+ Program Report Items</div>		
<p>Report Items Started: 5/5</p> <p><b>Note:</b> A complete APAR, must include all items listed in the "+Report Items" list. At the Program level, at least 3-5 Student Learning Outcomes and the Program Outcomes are required for your program.</p> <div style="border: 2px solid red; padding: 10px;"> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 80%;"> <div style="margin-bottom: 10px;"> <div style="display: flex; align-items: center;"> <span style="color: green; font-weight: bold; margin-right: 10px;">✔</span> <div> <b>Mission Statement</b> </div> </div> </div> <div style="margin-bottom: 10px;"> <div style="display: flex; align-items: center;"> <span style="color: green; font-weight: bold; margin-right: 10px;">✔</span> <div> <b>Student Learning Outcome 1</b>                      Ability to apply knowledge of science and mathematics                 </div> </div> </div> <div style="margin-bottom: 10px;"> <div style="display: flex; align-items: center;"> <span style="color: green; font-weight: bold; margin-right: 10px;">✔</span> <div> <b>Student Learning Outcome 2</b>                      Ability to design a system, component, or process to meet desired needs                 </div> </div> </div> <div style="margin-bottom: 10px;"> <div style="display: flex; align-items: center;"> <span style="color: green; font-weight: bold; margin-right: 10px;">✔</span> <div> <b>Student Learning Outcome 3</b>                      Ability to communicate effectively                 </div> </div> </div> <div> <div style="display: flex; align-items: center;"> <span style="color: green; font-weight: bold; margin-right: 10px;">✔</span> <div> <b>Program Outcome 1</b>                      Graduate baccalaureate students within six academic years or less.                 </div> </div> </div> </div> <div style="width: 10%; text-align: center;"> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 10px;">X</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 10px;">X</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 10px;">X</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 10px;">X</div> <div style="background-color: red; color: white; padding: 5px;">X</div> </div> </div> </div>		



Reporting Year:

2024

College:

Engineering

Department:

Electrical &amp; Computer

Program:

Electrical Engr, BSEE

Clear above selection

### Instructions:

- From the left dropdown menu, select the reporting year, college, department, and program of the report that you want to create.
- Click on the '+ Report Items' button to select the report item you want to add. It will get added to the report items tab. Click on it to open the respective report item's form.
- Fill in the required information and click on the 'Save' button. You can also click on the 'Attachments' tab to upload any files related to the report and click on the 'Report' tab to generate an html/pdf version of the report.

### Report Parameters

Reporting Year: 2024

College: Engineering

Department: Electrical &amp; Computer Engineering

Program: Electrical Engr, BSEE

### Program Level Report

Current Report Status:

-- Select status --

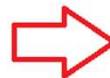
Update

Report Items

Attachments

Report

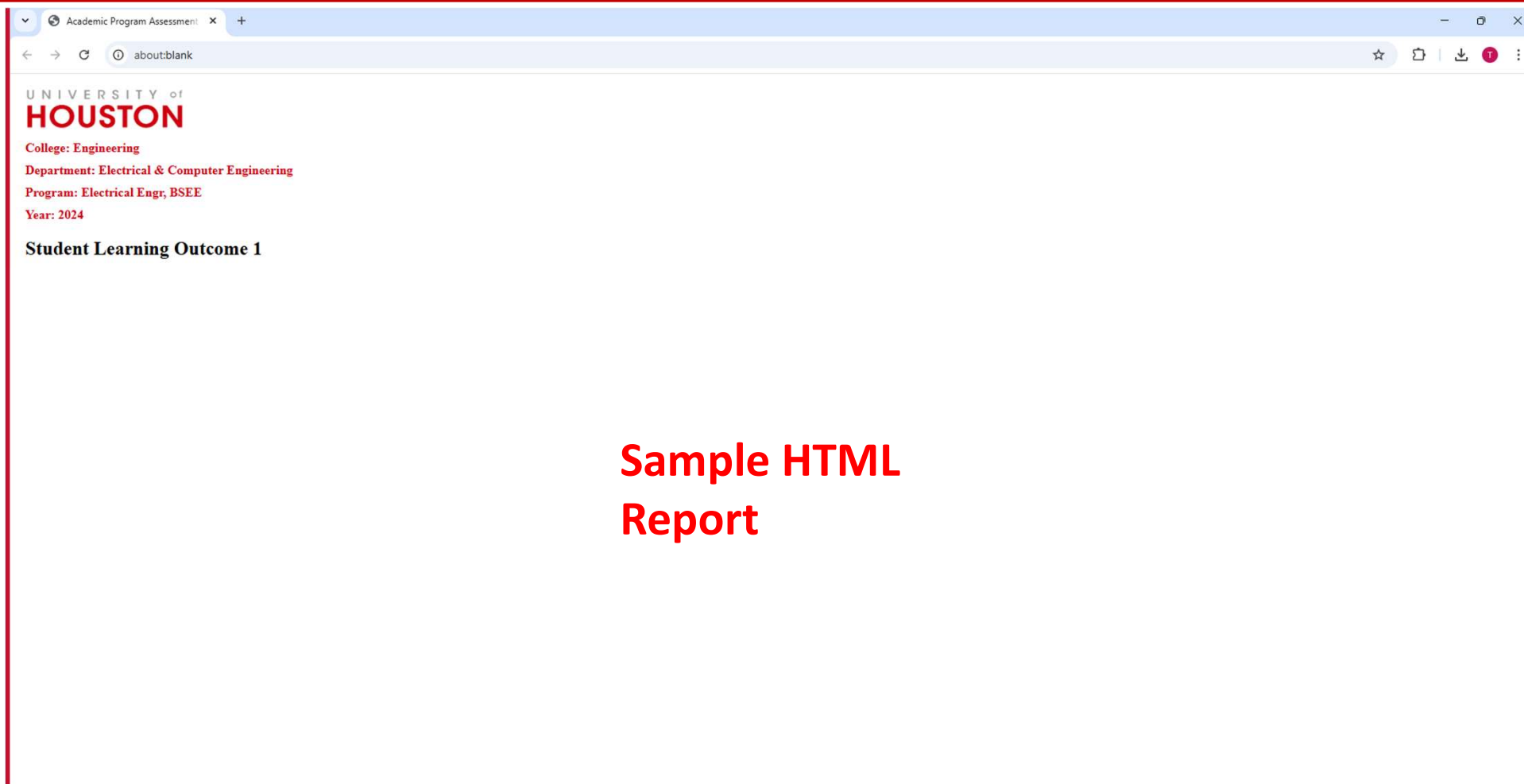
Drag and drop files here



Browse

Files Uploaded :

26



## Sample HTML Report

UNIVERSITY of  
**HOUSTON**

College: Engineering

Department: Electrical & Computer Engineering

Program: Electrical Engr, BSEE

Year: 2024

**Student Learning Outcome 1**

## Sample PDF Report



**User History - Last modified programs**



## Reporting Glossary

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

### A

#### Academic Career

A term used in UH's student information system, PeopleSoft/Campus Solutions. It is a way to identify either the level of the students (Undergraduate or Graduate) or if the student is in a professional program at the university.

#### Academic Year (AY)

Defined as the fall, spring, and summer sequence of semesters and identified by the second calendar year in the sequence. For example, the sequence fall 2021, and spring and summer 2022 is classified as AY 2022 or AY 22.

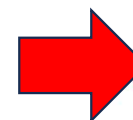
Note: An academic year is essentially aligned to a fiscal year in Texas.

#### ACT (American College Test)

National standardized test provided to 'college-bound' high school students by the American College Testing Program to provide a measure of the student's academic preparation. The current ACT addresses four areas with each scored separately: English, Mathematics, Reading, and Science Reasoning. An ACT composite score is derived from the separate scores. UH uses ACT composite score as an admissions criterion for First-Time-in-College students who do not submit SAT scores.

#### Applied (Completed), Admitted, and Enrolled

Headcount of the number people who have a completed application. Among the completed applications, how many were admitted into the UH, and among the number who were admitted, how many enrolled in classes. A completed application refers either the submission of all credentials to be considered for admissions or whether a decision was made to either accept or deny admission to



PDF Version...



## Contact IT Support

If you need assistance while logging in or have any other IT-related issues, please reach out to our IT support team:

Email IR Department at: [cjstoeve@central.uh.edu](mailto:cjstoeve@central.uh.edu) or [ykrishn2@central.uh.edu](mailto:ykrishn2@central.uh.edu)

OR

Email IT Support at: [maziz5@central.uh.edu](mailto:maziz5@central.uh.edu)

### Feedback for APAR

Feedback for APAR

Hi, . When you submit this form, the owner will see your name and email address.

\* Required

1. Message/Feedback \*

Enter your answer

Submit



## Admin Panel

### Find UH Faculty and Staff



### Search Results

0 Results Found

### Authorized users list

\* You can only view the list of users that you have authorized.

Name	Email	Department	Role	Actions
Colby Stoever	cjstoever@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
M Tariq Aziz	maziz7@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
Haridha Vyas Krishnamurthy	vkrishnamurthy@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
Sabal KC	skc6@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
Sarah Larsen	sclarsen@uh.edu	Graduate School	Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>



## Admin Panel

### Find UH Faculty and Staff




### Authorized users list

\* You can only view the list of users that you have authorized.

Name	Email	Department	Role	Actions
Colby Stoeve	cjstoeve@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
M Tariq Aziz	maziz7@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
Haridha Vyas Krishnamurthy	vk Krishnamurthy@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
Sabal KC	skc6@uh.edu	Institutional Research	Super Admin ▾	<input type="button" value="Edit"/> <input type="button" value="Remove"/>

### Search Results

6 Results Found

#### John Houston

Email: jhouston@cougarnet.uh.edu  
Department: Athletics

#### Lawrence Houston

Email: lhouston@cougarnet.uh.edu  
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## Lessons from our Experience

- Prioritize Security from day one
- Full Stack Integration (Oracle, Tableau, Microsoft 365, Various Programming Languages)
- Crafting User-Friendly Interfaces
- User Authentication & Role-Based Authorization
- Collaboration is Everything: Cross-Functional, Teamwork
- Project Plan, Execute, and Improve
- Single Sign-On

## What's Next?

- Tableau metrics and KPIs for colleges, departments, and programs
- Condensed 1 – 2 page Red & White Report
- Restricted user access for editing
- Read-only access for designated users
- Feedback and comments feature, tied to every report
- Assessment report checklist

Any questions?



# Thank you!



## Contact:

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