Streamline/Automate ACH Contract Payments
&
Inserting TSAAREV Transactions

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We are Warriors
Pride, Courage, and Unwavering Determination
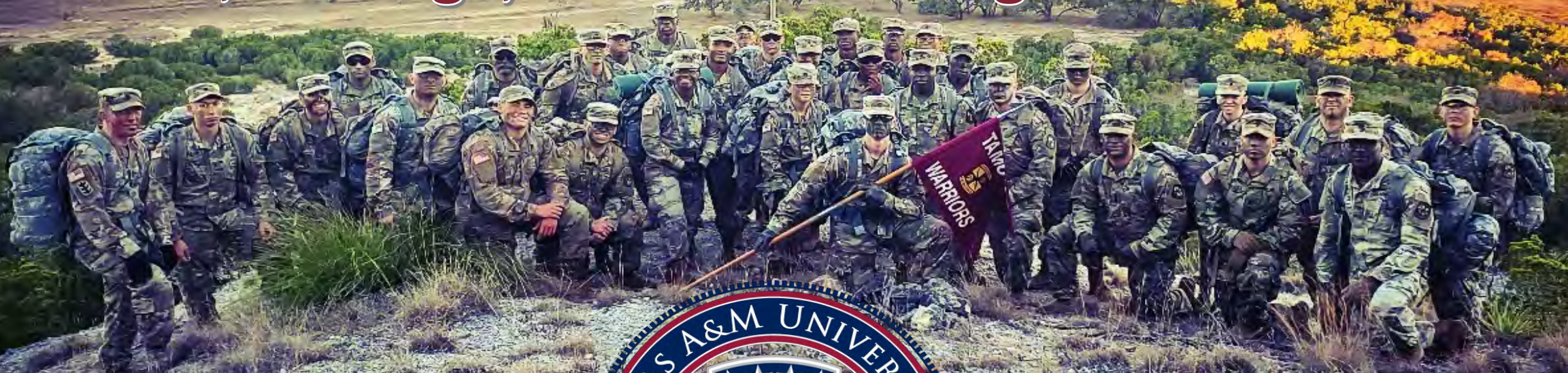
TEXAS A&M UNIVERSITY-CENTRAL TEXAS
DEMOGRAPHICS HIGHLIGHTS

![Texas A&M University Central Texas logo]

Fall 2021 Enrollment Student Headcounts

2,218	
445	Graduate
1,773	Undergraduate
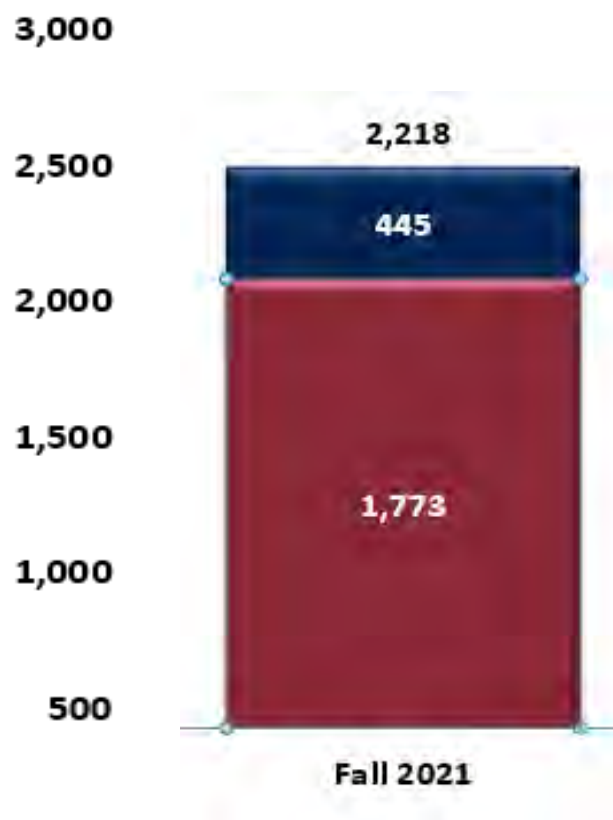
Fall 2021

■ Undergraduate ■ Graduate

Student Demographics

Residency (Fall 2021)	Total Headcount	%
In State	2,105	95%
Out of State	106	5%
Foreign	7	0%
Total:	2,218	100%

Demographics (Fall 2021)	Total Headcount	%
African American	569	26%
Hispanic	590	27%
Other	203	9%
White	856	39%
Total:	2,218	100%
URM Total	1,170	53%

URM = Under-Represented Minority

Student Enrollment by Military

Headcount by Military Affiliation Type
63% Military Affiliated

314	
176	
785	
124	

2021

■ Military Affiliated Student Military Son or Daughter
■ Military Affiliated Student Military Spouse
■ Military Affiliated Student Veteran
■ Military Affiliated Student Active Service Member
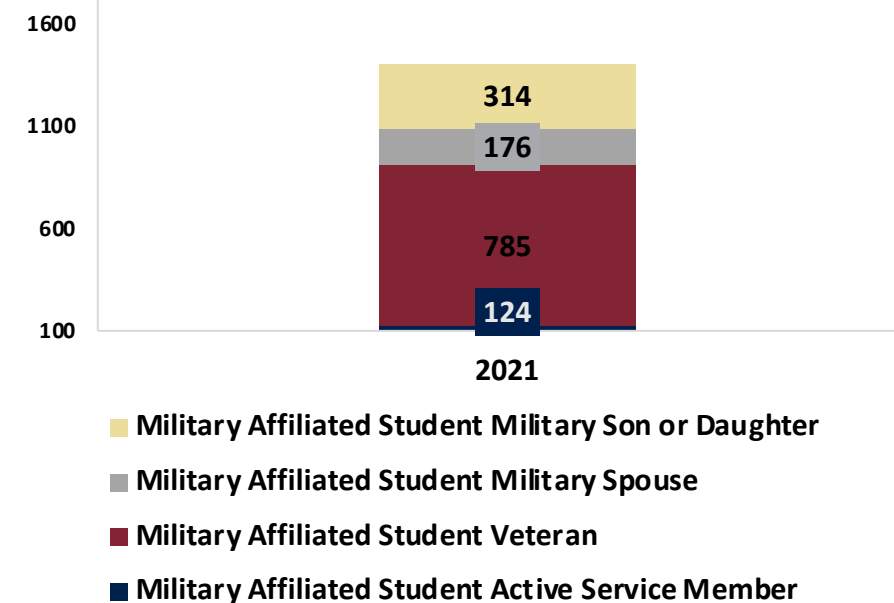
- The Reasons for Uploading Contract Payments (TZPCPMT)
  - Former / Automated Process
  - Script/IT Discussion

- Uploading Accounts to TSAAREV using TZPPUPL
  - Why this process was created
  - New Process
  - Script/IT Discussion

- Questions

Upload Contract Payments (TZPCPMT)

The reasons behind the (TZPCPMT) automation

- Large veteran population - numerous payments from Veteran Affairs

- Applying ACH contract payments – 2-step process
  ➢ TSAAREV (Account Detail Review Form)
  ➢ TSACPDT (Contract Payment Detail)

- Correcting payments applied to wrong terms (un-apply/re-apply -- yikes!)
- Forgetting to check the contract detail box on TSAAREV
- Numerous errors (non-productive)

Upload Contract Payments (TZPCPMT)

Out with the old in with the new

Former Process

Manual

- Retrieve Bank Report (in CSV or PDF format)
- Highlight Voc Rehab (Ch 31) / Post 911 (Ch 33) line items
- Divide by terms, if there are multiple terms
- Lookup Student ID --- Alternate ID Search (GUIALTI)
- Tally total by term to add to TSAAREV
- Apply to TSAAREV and check Contract Detail Box
- Apply individual accounts to TSACPDT
- Apply Transactions

pages and pages of line items caused hours and hours of work/time

Former Process

3/4/2022	169 / MISCELLANEOUS ACH CREDIT	Credit Amount:	4,765.11
	Cust Ref: 00000000000	Bank Ref: IA036150582291	
	Unique ID: 00000091003931183921		
	VAED TREAS 310 XXVA CH33 030422 XXXXX2781003600 REF*48*CH33 TF VA FILE NO ▮▮▮▮▮ *TERM 011822		

3/4/2022	169 / MISCELLANEOUS ACH CREDIT	Credit Amount:	4,236.25
	Cust Ref: 00000000000	Bank Ref: IA036150582290	
	Unique ID: 00000091003931183920		
	VAED TREAS 310 XXVA CH33 030422 XXXXX9617003600 REF*48*CH33 TF VA FILE NO ▮▮▮▮▮ *TERM 011822		

3/4/2022	169 / MISCELLANEOUS ACH CREDIT	Credit Amount:	3,945.24
	Cust Ref: 00000000000	Bank Ref: IA036150582283	
	Unique ID: 00000091003931183913		
	VAED TREAS 310 XXVA CH33 030422 XXXXX3076003600 REF*48*CH33 TF VA FILE NO ▮▮▮▮▮ *TERM 011822		

3/4/2022	169 / MISCELLANEOUS ACH CREDIT	Credit Amount:	3,683.51
	Cust Ref: 00000000000	Bank Ref: IA036150582293	
	Unique ID: 00000091003931183923		
	VAED TREAS 310 XXVA CH33 030422 XXXXX9795003600 REF*48*CH33 TF VA FILE NO ▮▮▮▮▮ *TERM 082321		

New Automated Process - TZPCPMT

- Export/download data into an excel file (in CSV format)
- Upload to server - File Upload Profile (GUAUPLP)
- UC4 pulls the information and applies to TSAAREV and TSACPDT
- A report is generated that reflects the payment entries
- Errors are identified and processed manually

What took hours now takes minutes

New Automated Process
Example #1 – Different Contracts

```
Contr    St                        Trans    Term      Amount
ID       ID      Name              ID       Code      Paid
** C00100000      Vocational Rehab       42759    202201   13,772.42
   C00100000  W01014323                  42759    202201    3,444.60
   C00100000  W01016319                  42759    202201    4,176.25
   C001000000 W01006740                  42759    202201    3,621.01
   C00100000  W00492641                  42759    202201    2,530.56
** C00200000      Post 911       70827    202201    2,226.12
   C00200000  W01015958                  70827    202201    2,226.12

** Errors not loaded.
19-APR-2022 15:00          Texas A University-Central TX                Page 2
PROD                  TZPCPMT - Contract Payment Processing             TZPCPMT
                          File: Contract_ACH.csv

      * * * REPORT CONTROL INFORMATION - Version: 9.1.1 * * *

File Name:      Contract_ACH.csv
Run Mode:       U


      *******        Accounting Breakdown       *******
   Total Tbraccd Amount:   15,998.54   2 Records loaded.
   -- VocRehab  Amount:    13,772.42   4 Records loaded.
   -- Post 911  Amount:     2,226.12   1 Records loaded.


Total Records In File:  48
Total Errors:            0
```

```
Description
PAYMENTECH     DEPOSIT   220418 6038985      TAMUCT Warrior Web
36  TREAS 310   MISC PAY 041822    XXXXX0012 RMT*IV*SP2022W01014323\REF*VV*          877)
PAYMENTECH     DEPOSIT   220418 6040154      TAMUCT Cashier
36  TREAS 310   MISC PAY 041822    XXXXX0012 RMT*IV*SP2022W00492641\REF*VV*          877)
ACH ORIGINATION  - TAMU CT     - FILE 4264169042 COID 4264169042
Parchment LLC   PARCHISO   220415 1218547559384447 36\DTM*003*20220415\SE*19*000063512\GE*1*0\IEA*1*
PAYMENTECH     DEPOSIT   220418 6383493      TAMUCT eMarkets
Stripe Integrate TRANSFER     ST-B4Z1Y6M1F3Z7 TEXAS A M UNIVERSITY C
TAMU CENTRAL TX  INV-PAYMTS      37707707701004  A 1 000000001\
36  TREAS 310   MISC PAY 041522    XXXXX0012 RMT*IV*SP2022W01016319\REF*VV*          877)
36  TREAS 310   MISC PAY 041522    XXXXX0012 RMT*IV*SP2022W01006740\REF*VV        877)
TAMU CENTRAL TX  INV-PAYMTS      37707707701004  001784161\GE 1 0\IEA 1 000000001\
PAYMENTECH     DEPOSIT   220414 6038985      TAMUCT Warrior Web
VAED TREAS 310   XXVA CH33  041422 X               REF*48*CH33 TF VA FILE NO        *TERM 011822
Stripe Integrate TRANSFER     ST-H4A6X9O1C0C4 TEXAS A M UNIVERSITY C
ACH ORIGINATION  - TAMU CT     - FILE 4264169042 COID 4264169042
```

New Automated Process
Example #2 – Different Terms

Contr ID	St ID	Name	Trans ID	Term Code	Amount Paid		
** C00200000		Post 911		70687	202108	665.37	
C00200000	W01015766			70687	202108	615.37
C00200000	W00487446			70687	202108	50.00
** C00200000		Post 911		70688	202201	160,031.90	
C00200000	W01014830			70688	202201	2,817.71
C00200000	W01013816			70688	202201	4,366.80
C00200000	W01012451			70688	202201	3,369.60
C00200000	W01014111			70688	202201	4,526.25
C00200000	W01016458			70688	202201	3,728.34
C00200000	W01012112			70688	202201	3,728.34
C00200000	W01011543			70688	202201	4,545.95
C00200000	W00393806			70688	202201	2,238.48
C00200000	W01015766			70688	202201	4,371.25
C00200000	W01014508			70688	202201	1,965.89
C00200000	W00193811			70688	202201	2,462.34
C00200000	W01015750			70688	202201	2,952.71
C00200000	W01014387			70688	202201	3,358.98
C00200000	W01016273			70688	202201	1,134.24
C00200000	W01012041			70688	202201	3,139.58
C00200000	W01015786			70688	202201	4,526.25
C00200000	W01012813			70688	202201	3,156.48
C00200000	W01014291			70688	202201	3,355.96
C00200000	W01013503			70688	202201	3,206.78
C00200000	W01001248			70688	202201	2,281.80
C00200000	W01013062			70688	202201	1,119.24
C00200000	W01009132			70688	202201	3,107.71

```
********        Accounting Breakdown        *******
Total Tbraccd Amount:   160,697.27   2 Records loaded.
 -- VocRehab  Amount:        0.00    0 Records loaded.
 -- Post 911  Amount:   160,697.27  58 Records loaded.

Total Records In File: 109
Total Errors:          0
```

New Automated Process
Example #3 – Documented Error

```
Contr   St                      Trans  Term   Amount
ID      ID    Name              ID     Code   Paid
** C00100000      Vocational Rehab      42886  202201  5,578.83
   C00100000  W01015472  [REDACTED]     42886  202201  4,030.95
   C00100000  W01007325  [REDACTED]     42886  202201  1,547.88


** Errors not loaded.
   C00200000  W01015496  [REDACTED]            202201  4,526.25  NoContract
```

```
*******        Accounting Breakdown       *******
Total Tbraccd Amount:   5,578.83   1 Records loaded.
 -- VocRehab  Amount:   5,578.83   2 Records loaded.
 -- Post 911  Amount:   0.00   0 Records loaded.

Total Records In File:  18
Total Errors:       1
```

Script / IT Discussion

Banner Job for Contract Automation
(Upload Contract Payments)

Important Notes:

- We do not make modifications to Baseline Banner Jobs
- We do occasionally create Custom Banner Jobs
- We are Hosted by Ellucian

Once .csv File is Uploaded to Server:

- Verifies Student's SSN

- Validates Aid Awarded for Selected Term - SZAHEVH (Military Benefits tab)
    - If 'YES' - Posts Total Amount to the contract on TSAAREV and Checks the Contract Detail Box
    - If 'NO' - Places Student in an EXCEPTION Report with other discrepancies
        - No/Wrong SSN

- Gets the Transaction Number for that Posting

- Adds the Contract ID and the Transaction number to TSACPDT – Contract Payment Detail

- Posts Appropriate Amounts on TSACPDT for Each Student in the File

- Report created and moved to Departmental folder - Atomic (UC4)/Cron Job

Hold all questions until the end

Upload Accounts to TSAAREV - (TZPPUPL)

Why was this process created?

There is a method to our madness

Upload Accounts to TSAAREV

The reasons behind the creation of TZPPUPL – Upload Accounts to TSAAREV
-   TSAMASS – you can't enter different dollar amounts
-   TSAMASS is term specific
-   TZPPUPL reduces time and errors

-   Some examples we've used for the TZPPUPL process
    •   Applying HEERF payments/refunds to TSAAREV
    •   Applying HEERF payments to payoff balances
    •   TZPPUPL can be utilized to insert other line items on TSAAREV

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New/Automated Process - TZPPUPL

- Export/download data into an excel file (in CSV format)
- There is a specific format for the file
- Upload to server - File Upload Profile (GUAUPLP)
- UC4 pulls the information and applies to TSAAREV
- A report is generated that validates the entries for reconciliation purposes

What took hours now takes minutes

Screenshot of TZPPUPL Parameters

Screenshot of Spreadsheet and Output

	A	B	C	D
1	stu_id	amount	eff_date	tran_date
2	W01010401	950		
3	W01010338	250		
4	W01010131	950		
5	W01008512	250		
6	W01013511	950		
7	W01005463	250		
8	W01012840	250		
9	W01008616	250		
10	W01010690	950		

Student ID	Name	Trans ID	Trans Date	Debit or Credit	Amount
W01010401		156	09-MAR-2022	P	950
W01010401		157	09-MAR-2022	C	950
W01010338		239	09-MAR-2022	P	250
W01010338		240	09-MAR-2022	C	250
W01010131		103	09-MAR-2022	P	950
W01010131		104	09-MAR-2022	C	950

File Name: 202201_HEERFIII.csv
Term Code :   202201
Paymnt DtlCode: 8057
Paymnt RfndCode: 5036
Run Mode: U

****************************Summary for Load Job*
Total Dollar Amount: 1368900
Total Records Loaded: 4104
Total Errors: 0

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Script / IT Discussion

Banner Job for Upload to TSAAREV
(TBRACCD Table)

Important Notes:

- We do not make modifications to Baseline Banner Jobs
- We do occasionally create Custom Banner Jobs
- We are Hosted by Ellucian

Once .csv File is Uploaded to Server:

- Banner Job (TZPPUPL) is attached to various processes (i.e., HEERF)

- Job is run via Atomic (UC4)

- Transactions are inserted into TSAAREV
  - ➢ Detail Code/Description
  - ➢ $ Amount (Payment/Charge)
  - ➢ Term Code

- Automatic Variables Included
  - ➢ Transaction/Effective Dates
  - ➢ Source Code

- Report created reflecting activity

Questions

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