

FINAL SCORE



Western Illinois

0



Tennessee Tech

3

October 03, 2024 • Cookeville, TN

FINAL STATISTICS

Official Volleyball Box Score (Final)
Western Illinois vs Tennessee Tech
 October 03, 2024 at Cookeville, TN



Western Illinois -- 0

##	Western Illinois	S	Attack			Pct	Ast	Serve			Dig	Block			BHE	Pts
			K	E	TA			SA	SE	RE		BS	BA	BE		
21	Cruse,Keyana	3	5	5	32	.000	0	0	0	0	13	0	5	0	0	7.5
5	Nichols,Grace	3	4	3	19	.053	0	0	1	0	7	0	3	0	0	5.5
7	Ziegler,Elizabeth	3	4	3	12	.083	0	0	0	0	2	0	1	1	0	4.5
12	Adair,Kennedy	3	4	3	19	.053	0	0	0	0	0	0	0	0	0	4
18	Wulf,Brittany	1	3	1	16	.125	0	0	1	0	0	0	0	0	0	3
15	Schmidt,Julianna	3	1	0	4	.250	0	0	0	0	0	0	5	0	0	3.5
17	Ulatowski,Grace	3	1	2	8	-0.125	0	0	0	1	5	0	1	0	0	1.5
2	Craker,Maggie	3	0	1	4	-0.250	21	0	0	0	6	0	1	0	0	0.5
3	Wenzel,Karli	3	0	0	0	.000	1	0	0	1	16	0	0	0	0	0
9	Estes,Hillary	1	0	0	0	.000	0	0	0	0	0	0	0	1	0	0
16	Hawblitzel,Melaina	1	0	0	0	.000	0	0	0	0	0	0	0	0	0	0
20	Lane,Karlie	3	0	0	0	.000	0	2	1	0	6	0	0	0	0	2
Totals		3	22	18	114	.035	22	2	3	2	55	0	16	2	0	32

TOTAL TEAM BLOCKS: 8

SIDEOUT PCT: 43.8%

POINT SCORING PCT: 42.4%

Team Attack By Set

Set	K	E	TA	Pct
1	7	5	37	.054
2	7	5	38	.053
3	8	8	39	.000

GAME SCORES

	1	2	3
Western Illinois (0)	17	21	19
Tennessee Tech (3)	25	25	25

Tennessee Tech -- 3

##	Tennessee Tech	S	Attack			Pct	Ast	Serve			Dig	Block			BHE	Pts
			K	E	TA			SA	SE	RE		BS	BA	BE		
20	Isringhausen,Madoly	3	16	7	37	.243	0	1	2	1	14	0	0	0	0	17
24	Pierce,Alayna	3	15	8	42	.167	0	1	2	0	8	2	0	0	0	18
8	Jenkins,Mallory	3	8	4	22	.182	0	0	0	0	1	0	3	0	0	9.5
14	Powell,Bella	3	8	5	26	.115	0	0	0	0	4	0	3	0	0	9.5
17	Pabon,Emma	3	3	1	9	.222	0	0	0	0	0	0	1	0	0	3.5
2	Karlen,Jordan	3	1	0	6	.167	40	0	0	0	12	0	1	0	0	1.5
7	Green,Katie	3	0	0	0	.000	0	0	2	0	1	0	0	0	0	0
9	Jones,Aleeya	3	0	0	0	.000	1	0	1	0	9	0	0	0	0	0
21	Young,McKenna	3	0	0	0	.000	3	0	0	1	14	0	0	0	0	0
Totals		3	51	25	142	.183	44	2	7	2	63	2	8	0	0	59

TOTAL TEAM BLOCKS: 6

SIDEOUT PCT: 57.6%

POINT SCORING PCT: 56.2%

Team Attack By Set

Set	K	E	TA	Pct
1	16	6	46	.217
2	19	12	52	.135
3	16	7	44	.205

Site: Eblen Center (Cookeville, TN)
 Date:10/3/2024 - Attendance: 122 - Time: 1:36
 Referees: Janice Byrd; Daniel Jersey;

Western Illinois at Tennessee Tech
Play-by-Play Summary (1st set)



Western Illinois vs Tennessee Tech (10/3/2024 at Cookeville, TN)

Score	Plays: Set 1	Serve	Point
	Tennessee Tech starters: Karlen,Jordan; Jenkins,Mallory; Powell,Bella; Pabon,Emma; Isringhausen,Madolyn; Young,McKenna; Pierce,Alayna		
	Western Illinois starters: Craker,Maggie; Wenzel,Karli; Nichols,Grace; Ziegler,Elizabeth; Schmidt,Julianna; Wulf,Brittany; Cruse,Keyana		
0-1	[Serve: Wenzel,Karli] Kill by Powell,Bella (assist from Karlen,Jordan).	S:WIU	P:TTU
0-2	[Serve: Isringhausen,Madolyn] Attack error by Nichols,Grace.	S:TTU	P:TTU
1-2	[Serve: Isringhausen,Madolyn] Service error.	S:TTU	P:WIU
	WIU sub in: Lane,Karlie.		
1-3	[Serve: Lane,Karlie] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:WIU	P:TTU
1-4	[Serve: Young,McKenna] Kill by Powell,Bella (assist from Young,McKenna).	S:TTU	P:TTU
1-5	[Serve: Young,McKenna] Kill by Powell,Bella (assist from Karlen,Jordan).	S:TTU	P:TTU
2-5	[Serve: Young,McKenna] Kill by Wulf,Brittany (assist from Craker,Maggie).	S:TTU	P:WIU
2-6	[Serve: Wulf,Brittany] Service error.	S:WIU	P:TTU
	WIU sub in: Ulatowski,Grace.		
	TTU sub in: Jones,Aleeya.		
2-7	[Serve: Jones,Aleeya] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:TTU	P:TTU
2-8	[Serve: Jones,Aleeya] Kill by Jenkins,Mallory (assist from Karlen,Jordan).	S:TTU	P:TTU
	Timeout by Western Illinois.	S:TTU	
3-8	[Serve: Jones,Aleeya] Attack error by Pierce,Alayna.	S:TTU	P:WIU
4-8	[Serve: Nichols,Grace] Attack error by Jenkins,Mallory.	S:WIU	P:WIU
4-9	[Serve: Nichols,Grace] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:WIU	P:TTU
5-9	[Serve: Pierce,Alayna] Kill by Cruse,Keyana (assist from Craker,Maggie).	S:TTU	P:WIU
5-10	[Serve: Craker,Maggie] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
	TTU sub in: Green,Katie.		
5-11	[Serve: Green,Katie] Attack error by Ziegler,Elizabeth.	S:TTU	P:TTU
6-11	[Serve: Green,Katie] Service error.	S:TTU	P:WIU
7-11	[Serve: Cruse,Keyana] Attack error by Pabon,Emma.	S:WIU	P:WIU
8-11	[Serve: Cruse,Keyana] Block Assist by Schmidt,Julianna; Ziegler,Elizabeth (Attack error by Isringhausen,Madolyn).	S:WIU	P:WIU
9-11	[Serve: Cruse,Keyana] Kill by Wulf,Brittany (assist from Craker,Maggie).	S:WIU	P:WIU
10-11	[Serve: Cruse,Keyana] Attack error by Pierce,Alayna.	S:WIU	P:WIU
10-12	[Serve: Cruse,Keyana] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
10-13	[Serve: Karlen,Jordan] Kill by Powell,Bella (assist from Karlen,Jordan).	S:TTU	P:TTU
11-13	[Serve: Karlen,Jordan] Kill by Wulf,Brittany (assist from Wenzel,Karli).	S:TTU	P:WIU
11-14	[Serve: Wenzel,Karli] Kill by Pabon,Emma (assist from Karlen,Jordan).	S:WIU	P:TTU
11-15	[Serve: Isringhausen,Madolyn] Service ace by Isringhausen,Madolyn (Reception Error: Wenzel,Karli).	S:TTU	P:TTU
11-16	[Serve: Isringhausen,Madolyn] Attack error by Wulf,Brittany.	S:TTU	P:TTU
11-17	[Serve: Isringhausen,Madolyn] Kill by Pierce,Alayna (assist from Karlen,Jordan) - Block error by Ziegler,Elizabeth.	S:TTU	P:TTU
11-18	[Serve: Isringhausen,Madolyn] Kill by Pierce,Alayna.	S:TTU	P:TTU
	Timeout by Western Illinois.	S:TTU	
12-18	[Serve: Isringhausen,Madolyn] Kill by Ziegler,Elizabeth (assist from Craker,Maggie).	S:TTU	P:WIU
13-18	[Serve: Lane,Karlie] Service ace by Lane,Karlie (Reception Error: Isringhausen,Madolyn).	S:WIU	P:WIU
14-18	[Serve: Lane,Karlie] Service ace by Lane,Karlie (Reception Error: Young,McKenna).	S:WIU	P:WIU
14-19	[Serve: Lane,Karlie] (assist from Karlen,Jordan)Bad set by Craker,Maggie.	S:WIU	P:TTU
14-20	[Serve: Young,McKenna] Kill by Jenkins,Mallory (assist from Karlen,Jordan).	S:TTU	P:TTU
14-21	[Serve: Young,McKenna] Attack error by Cruse,Keyana.	S:TTU	P:TTU
	WIU sub in: Adair,Kennedy.		
14-22	[Serve: Young,McKenna] Block Assist by Jenkins,Mallory; Powell,Bella (Attack error by Adair,Kennedy).	S:TTU	P:TTU
14-23	[Serve: Young,McKenna] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:TTU	P:TTU
	WIU sub in: Hawblitzel,Melaina.		
15-23	[Serve: Young,McKenna] Kill by Adair,Kennedy (assist from Craker,Maggie).	S:TTU	P:WIU
15-24	[Serve: Ulatowski,Grace] Kill by Jenkins,Mallory (assist from Young,McKenna). -- SET POINT.	S:WIU	P:TTU

Score	Plays: Set 1	Serve	Point
16-24	[Serve: Jones,Aleeya] Kill by Cruse,Keyana (assist from Craker,Maggie). -- SET POINT.	S:TTU	P:WIU
17-24	[Serve: Nichols,Grace] Block Assist by Schmidt,Julianna; Cruse,Keyana (Attack error by Jenkins,Mallory). -- SET POINT.	S:WIU	P:WIU
17-25	[Serve: Nichols,Grace] Service error. -- SET TENNESSEE TECH.	S:WIU	P:TTU

Western Illinois at Tennessee Tech
Play-by-Play Summary (2nd set)



Western Illinois vs Tennessee Tech (10/3/2024 at Cookeville, TN)

Score	Plays: Set 2	Serve	Point
	Tennessee Tech starters: Karlen,Jordan; Jenkins,Mallory; Powell,Bella; Pabon,Emma; Isringhausen,Madolyn; Young,McKenna; Pierce,Alayna		
	Western Illinois starters: Craker,Maggie; Wenzel,Karli; Nichols,Grace; Ziegler,Elizabeth; Adair,Kennedy; Schmidt,Julianna; Cruse,Keyana		
1-0	[Serve: Karlen,Jordan] Kill by Ziegler,Elizabeth (assist from Craker,Maggie). WIU sub in: Lane,Karlie.	S:TTU	P:WIU
2-0	[Serve: Lane,Karlie] Attack error by Isringhausen,Madolyn.	S:WIU	P:WIU
2-1	[Serve: Lane,Karlie] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
2-2	[Serve: Isringhausen,Madolyn] Kill by Powell,Bella (assist from Karlen,Jordan).	S:TTU	P:TTU
3-2	[Serve: Isringhausen,Madolyn] Kill by Nichols,Grace (assist from Craker,Maggie). WIU sub in: Ulatowski,Grace.	S:TTU	P:WIU
3-3	[Serve: Ulatowski,Grace] Kill by Powell,Bella (assist from Karlen,Jordan).	S:WIU	P:TTU
3-4	[Serve: Young,McKenna] Kill by Jenkins,Mallory.	S:TTU	P:TTU
3-5	[Serve: Young,McKenna] Block Assist by Jenkins,Mallory; Powell,Bella (Attack error by Cruse,Keyana).	S:TTU	P:TTU
3-6	[Serve: Young,McKenna] Kill by Pierce,Alayna.	S:TTU	P:TTU
3-7	[Serve: Young,McKenna] Attack error by Cruse,Keyana.	S:TTU	P:TTU
4-7	[Serve: Young,McKenna] Attack error by Pierce,Alayna.	S:TTU	P:WIU
5-7	[Serve: Nichols,Grace] Block Assist by Cruse,Keyana; Schmidt,Julianna (Attack error by Powell,Bella).	S:WIU	P:WIU
6-7	[Serve: Nichols,Grace] Kill by Cruse,Keyana (assist from Craker,Maggie).	S:WIU	P:WIU
7-7	[Serve: Nichols,Grace] Block Assist by Cruse,Keyana; Schmidt,Julianna (Attack error by Powell,Bella).	S:WIU	P:WIU
7-8	[Serve: Nichols,Grace] Kill by Pierce,Alayna (assist from Young,McKenna). TTU sub in: Jones,Aleeya.	S:WIU	P:TTU
8-8	[Serve: Jones,Aleeya] Attack error by Jenkins,Mallory.	S:TTU	P:WIU
8-9	[Serve: Craker,Maggie] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:WIU	P:TTU
8-10	[Serve: Pierce,Alayna] Block Assist by Jenkins,Mallory; Karlen,Jordan (Attack error by Cruse,Keyana).	S:TTU	P:TTU
9-10	[Serve: Pierce,Alayna] Attack error by Isringhausen,Madolyn.	S:TTU	P:WIU
9-11	[Serve: Cruse,Keyana] Attack error by Ziegler,Elizabeth. TTU sub in: Green,Katie.	S:WIU	P:TTU
10-11	[Serve: Green,Katie] Kill by Adair,Kennedy (assist from Craker,Maggie).	S:TTU	P:WIU
11-11	[Serve: Wenzel,Karli] Attack error by Pierce,Alayna.	S:WIU	P:WIU
11-12	[Serve: Wenzel,Karli] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
12-12	[Serve: Karlen,Jordan] Kill by Adair,Kennedy (assist from Craker,Maggie).	S:TTU	P:WIU
12-13	[Serve: Lane,Karlie] Service error.	S:WIU	P:TTU
12-14	[Serve: Isringhausen,Madolyn] Block Assist by Powell,Bella; Pabon,Emma (Attack error by Adair,Kennedy).	S:TTU	P:TTU
13-14	[Serve: Isringhausen,Madolyn] Attack error by Powell,Bella.	S:TTU	P:WIU
13-15	[Serve: Adair,Kennedy] Kill by Pierce,Alayna (assist from Karlen,Jordan). Media Timeout.	S:WIU	
14-15	[Serve: Young,McKenna] Block Assist by Craker,Maggie; Nichols,Grace (Attack error by Pierce,Alayna).	S:TTU	P:WIU
14-16	[Serve: Nichols,Grace] Kill by Jenkins,Mallory (assist from Karlen,Jordan).	S:WIU	P:TTU
15-16	[Serve: Jones,Aleeya] Kill by Schmidt,Julianna (assist from Craker,Maggie).	S:TTU	P:WIU
16-16	[Serve: Craker,Maggie] Block Assist by Schmidt,Julianna; Cruse,Keyana (Attack error by Jenkins,Mallory).	S:WIU	P:WIU
16-17	[Serve: Craker,Maggie] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:WIU	P:TTU
16-18	[Serve: Pierce,Alayna] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:TTU	P:TTU
16-19	[Serve: Pierce,Alayna] Kill by Karlen,Jordan. Timeout by Western Illinois.	S:TTU	
16-20	[Serve: Pierce,Alayna] Kill by Isringhausen,Madolyn (assist from Jones,Aleeya).	S:TTU	P:TTU
17-20	[Serve: Pierce,Alayna] Service error.	S:TTU	P:WIU
18-20	[Serve: Cruse,Keyana] Attack error by Isringhausen,Madolyn.	S:WIU	P:WIU
18-21	[Serve: Cruse,Keyana] Kill by Jenkins,Mallory (assist from Karlen,Jordan).	S:WIU	P:TTU
19-21	[Serve: Green,Katie] Service error.	S:TTU	P:WIU
19-22	[Serve: Wenzel,Karli] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
20-22	[Serve: Karlen,Jordan] Kill by Ziegler,Elizabeth (assist from Craker,Maggie).	S:TTU	P:WIU
20-23	[Serve: Lane,Karlie] Kill by Powell,Bella (assist from Young,McKenna).	S:WIU	P:TTU

Score	Plays: Set 2	Serve	Point
	Timeout by Western Illinois.	S:WIU	
21-23	[Serve: Isringhausen, Madolyn] Attack error by Powell, Bella.	S:TTU	P:WIU
21-24	[Serve: Adair, Kennedy] Kill by Pabon, Emma (assist from Karlen, Jordan). -- SET POINT.	S:WIU	P:TTU
21-25	[Serve: Young, McKenna] Kill by Jenkins, Mallory . -- SET TENNESSEE TECH.	S:TTU	P:TTU



Western Illinois vs Tennessee Tech (10/3/2024 at Cookeville, TN)

Score	Plays: Set 3	Serve	Point
	Tennessee Tech starters: Karlen,Jordan; Jenkins,Mallory; Powell,Bella; Pabon,Emma; Isringhausen,Madolyn; Young,McKenna; Pierce,Alayna		
	Western Illinois starters: Craker,Maggie; Wenzel,Karli; Nichols,Grace; Ziegler,Elizabeth; Schmidt,Julianna; Ulatowski,Grace; Cruse,Keyana		
1-0	[Serve: Wenzel,Karli] Block Assist by Nichols,Grace; Ulatowski,Grace (Attack error by Isringhausen,Madolyn).	S:WIU	P:WIU
1-1	[Serve: Wenzel,Karli] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
1-2	[Serve: Isringhausen,Madolyn] Attack error by Ulatowski,Grace.	S:TTU	P:TTU
1-3	[Serve: Isringhausen,Madolyn] Attack error by Ulatowski,Grace.	S:TTU	P:TTU
1-4	[Serve: Isringhausen,Madolyn] Kill by Pabon,Emma (assist from Karlen,Jordan).	S:TTU	P:TTU
2-4	[Serve: Isringhausen,Madolyn] Kill by Nichols,Grace (assist from Craker,Maggie).	S:TTU	P:WIU
	WIU sub in: Lane,Karlie.		
2-5	[Serve: Lane,Karlie] Kill by Powell,Bella (assist from Karlen,Jordan).	S:WIU	P:TTU
3-5	[Serve: Young,McKenna] Kill by Ulatowski,Grace (assist from Craker,Maggie).	S:TTU	P:WIU
4-5	[Serve: Ulatowski,Grace] Attack error by Pierce,Alayna.	S:WIU	P:WIU
5-5	[Serve: Ulatowski,Grace] Block Assist by Nichols,Grace; Cruse,Keyana (Attack error by Powell,Bella).	S:WIU	P:WIU
6-5	[Serve: Ulatowski,Grace] Kill by Cruse,Keyana (assist from Craker,Maggie).	S:WIU	P:WIU
6-6	[Serve: Ulatowski,Grace] Kill by Jenkins,Mallory (assist from Karlen,Jordan).	S:WIU	P:TTU
	TTU sub in: Jones,Aleeya.		
6-7	[Serve: Jones,Aleeya] Attack error by Cruse,Keyana.	S:TTU	P:TTU
6-8	[Serve: Jones,Aleeya] Attack error by Nichols,Grace.	S:TTU	P:TTU
6-9	[Serve: Jones,Aleeya] Block Solo by Pierce,Alayna (Attack error by Craker,Maggie).	S:TTU	P:TTU
7-9	[Serve: Jones,Aleeya] Service error.	S:TTU	P:WIU
8-9	[Serve: Nichols,Grace] Attack error by Pierce,Alayna.	S:WIU	P:WIU
9-9	[Serve: Nichols,Grace] Bad set by Karlen,Jordan.	S:WIU	P:WIU
9-10	[Serve: Nichols,Grace] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
9-11	[Serve: Pierce,Alayna] Service ace by Pierce,Alayna (Reception Error: Ulatowski,Grace).	S:TTU	P:TTU
10-11	[Serve: Pierce,Alayna] Service error.	S:TTU	P:WIU
11-11	[Serve: Craker,Maggie] Attack error by Isringhausen,Madolyn.	S:WIU	P:WIU
11-12	[Serve: Craker,Maggie] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
	TTU sub in: Green,Katie.		
11-13	[Serve: Green,Katie] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:TTU	P:TTU
11-14	[Serve: Green,Katie] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:TTU	P:TTU
11-15	[Serve: Green,Katie] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:TTU	P:TTU
	Media Timeout.	S:TTU	
12-15	[Serve: Green,Katie] Attack error by Isringhausen,Madolyn.	S:TTU	P:WIU
13-15	[Serve: Cruse,Keyana] Kill by Ziegler,Elizabeth (assist from Craker,Maggie).	S:WIU	P:WIU
13-16	[Serve: Cruse,Keyana] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:WIU	P:TTU
14-16	[Serve: Karlen,Jordan] Kill by Adair,Kennedy (assist from Craker,Maggie).	S:TTU	P:WIU
14-17	[Serve: Wenzel,Karli] Attack error by Ziegler,Elizabeth.	S:WIU	P:TTU
14-18	[Serve: Isringhausen,Madolyn] Attack error by Adair,Kennedy.	S:TTU	P:TTU
15-18	[Serve: Isringhausen,Madolyn] Service error.	S:TTU	P:WIU
	WIU sub in: Adair,Kennedy.		
15-19	[Serve: Lane,Karlie] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:WIU	P:TTU
15-20	[Serve: Young,McKenna] Kill by Isringhausen,Madolyn (assist from Karlen,Jordan).	S:TTU	P:TTU
	Timeout by Western Illinois.	S:TTU	
16-20	[Serve: Young,McKenna] Kill by Nichols,Grace (assist from Craker,Maggie).	S:TTU	P:WIU
17-20	[Serve: Ulatowski,Grace] Attack error by Pierce,Alayna.	S:WIU	P:WIU
17-21	[Serve: Ulatowski,Grace] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:WIU	P:TTU
17-22	[Serve: Jones,Aleeya] Kill by Pierce,Alayna (assist from Karlen,Jordan).	S:TTU	P:TTU
17-23	[Serve: Jones,Aleeya] Block Solo by Pierce,Alayna (Attack error by Nichols,Grace).	S:TTU	P:TTU
	Timeout by Western Illinois.	S:TTU	
18-23	[Serve: Jones,Aleeya] Kill by Nichols,Grace (assist from Craker,Maggie).	S:TTU	P:WIU
	WIU sub in: Estes,Hillary.		

Score	Plays: Set 3	Serve	Point
19-23	[Serve: Nichols,Grace] Kill by Cruse,Keyana (assist from Craker,Maggie).	S:WIU	P:WIU
19-24	[Serve: Nichols,Grace] Kill by Pierce,Alayna (assist from Karlen,Jordan) - Block error by Estes,Hillary. -- SET POINT.	S:WIU	P:TTU
19-25	[Serve: Pierce,Alayna] Kill by Isringhausen,Madolyn . -- SET TENNESSEE TECH.	S:TTU	P:TTU