Associate in Science in Computer Engineering at Tulsa Community College to Bachelor of Science Computer Engineering at University of Tulsa

(61) Credit Hours at TCC + (77) Credit Hours at TU = 138 Total Credit Hours
Transfer Map Catalog Year: 2022-2023
University Campus Location: University of Tulsa, 800 S Tucker Dr, Tulsa, OK 74104
Note to Students: Transfer maps provide a semester by semester guide to a university showing how TCC courses transfer to a specific bachelor's degree program. This transfer map is based on a full-time schedule and is just one example of how a student may successfully complete degree requirements for both programs. Students should work with a TCC advisor and the university to ensure they are on-time and on-track for transfer. Students are responsible for understanding the program/admission/transfer requirements for the university and for completing requirements in the official degree sheet for each major.

TULSA COMMUNITY COLLEGE – SEMESTER ONE		
TCC Course	**TU Course**	**Credit Hours**
*CHEM 1365 General Chemistry for Engineers	CHEM 1033/1011 + FREL 1001	5
ENGL 1113 Composition I	FREL 1003 (General Elective)	3
ENGR 1111 Introduction to Engineering	FREL 1001	1
*MATH 2114 Analytic Geometry & Calculus I	MATH 2014	4
**3 hrs Humanities (from TU Block I List)	Block 1	3
Semester Credit Hours at TCC:		**16**

TULSA COMMUNITY COLLEGE – SEMESTER TWO		
TCC Course	**TU Course**	**Credit Hours**
ENGL 1213 Composition II	ENGL 1033	3
ENGR 1132 Engineering Design with Computer Aided Design	ME 1212	2
MATH 2124 Analytic Geometry & Calculus II	MATH 2024	4
POLS 1113 American Federal Government	POL 2053 (Block II)	3
PHYS 2034 Physics I with Calculus	PHYS 2053/2051	4
Semester Credit Hours at TCC:		**16**

TULSA COMMUNITY COLLEGE – SEMESTER THREE		
TCC Course	**TU Course**	**Credit Hours**
***CSCI 2473 C Language	CS 1043/Free Elective	3
HIST 1483 Era **or** 1493 U.S. History	HIST 2503 (Block II)	3
MATH 2134 Analytic Geometry & Calc. III	MATH 2073, FREL 1001	4
PHYS 2124 Physics II with Calculus	PHYS 2063/2061	4
Semester Credit Hours at TCC:		**14**

*Math Placement Note: Additional preparatory course work may be required if students do not meet a minimum placement score on a secondary placement test. In this case, the total credit hours required to complete the degree will exceed what is listed in this transfer map.. See your academic advisor for more information.
**At least one of those marked must be a Block I or II course from the list that also meets TU's HCGD requirement.
****Prerequisites or instructor permission required

TULSA COMMUNITY COLLEGE – SEMESTER FOUR		
TCC Course	**TU Course**	**Credit Hours**
CSCI 2843 C++ Programming Languages	CS 2003 or CS 2503	3
MATH 2613 Elem. Differential Equations	MATH 3073	3
ENGR 2613 Intro. to Electrical Sciences	ECE 2003	3
**Required Elective (from TU Block II List)	Block II	3
**3 hours Humanities (from TU Block II List)	Block II	3
Semester Credit Hours at TCC:		**15**

Congratulations you have earned your Associate Degree from TCC! Time to celebrate!

UNIVERSITY OF TULSA – SEMESTER FIVE	
TU Course	**Credit Hours**
FYE 1001 First Year Experience	1
ECE 1011 Computer Tools	1
ECE 2163 Digital Systems	3
ECE 2161 Digital Systems Lab	1
PHYS 2073 Physics III	3
ES 3083 Engineering Economics	3
ECE 2263 Embedded Systems	3
CS 3013 Discrete Math	3
Semester Credit Hours at TU:	**18**

UNIVERSITY OF TULSA – SEMESTER SIX	
TU Course	**Credit Hours**
ECE 2001 Measurements Lab	1
ECE 2063 Microprocessors	3
ECE 3033 Power Systems	3
ECE 3143 Electronics I	3
ECE 3113 Signals & Systems	3
STAT 4813 Statistics	3
Semester Credit Hours at TU:	**16**

UNIVERSITY OF TULSA – SEMESTER SEVEN (Summer)	
TU Course	**Credit Hours**
TECH ELECT	3
ENGL 3003 Writing for the Professions	3
CS 2123 Data Structures	3
Semester Credit Hours at TU:	**9**

UNIVERSITY OF TULSA – SEMESTER EIGHT	
TU Course	**Credit Hours**
ES 3063 Solid State	3
ECE 4103 Senior Project I	3
ECE 4073 Information & Communication Systems	3
ECE 4041 Electronics Lab	1
ECE 4043 Electronics II	3
ECE 4053 Classical Control Systems	3
Semester Credit Hours at TU:	**16**

UNIVERSITY OF TULSA – SEMESTER NINE	
TU Course	**Credit Hours**
ECE 4203 Senior Project II	3
TECH ELECT	3
TECH ELECT- Hardware	3
TECH ELECT- Network	3
ECE 3023 Electromagnetics	3
CS 3053 Operating Systems	3
Semester Credit Hours at TU:	**18**

Congratulations you have earned your Bachelor's Degree from TU! Time to celebrate!

TU Tuition Costs:
- Full-time students pay a flat tuition rate each semester they are enrolled in 12 - 18 hours. Any semester where a student is enrolled in 11 hours or less is billed per semester hour. Any semesters with an approved overload above 18 hours has additional tuition costs on top of the flat tuition rate to cover the additional hours. Tuition costs and associated student fees are posted online at Tuition & Costs - The University of Tulsa (utulsa.edu). The degree map above has been divided to maximize enrollment versus tuition cost each semester. Students that choose to enroll in fewer than 12 hours or more than 18 hours in any particular semester should be prepared for different tuition costs.

TCC Milestones and Recommended Actions:
- **Consider Summer Courses:** Summer courses at TCC can help accelerate your time to transfer, and help you stay on track. Talk to your advisor about planning summer courses.
- **During or After Year One at TCC:** Consider a campus tour of University of Tulsa and connect with a TU academic advisor, to ensure you are on track to transfer. Your TCC academic advisor can assist in planning these actions.
- **During Year Two at TCC:** During or right after semester three coursework, apply for admission at University of Tulsa as a transfer student (https://admission.utulsa.edu/apply/transfer-applicants/).
- **Final Semester at TCC:** Congratulations you are about to earn your Associate Degree! Be sure to apply for graduation @ https://www.tulsacc.edu/student-resources/graduation.
- **Transcripts:** After your final semester, submit an official TCC transcript to TU (www.tulsacc.edu/student-resources/student-records/requesting-and-submitting-transcripts).
- **Reverse Transfer:** Students who transfer to a university before completing an associate degree and who have earned at least 15 credit hours from TCC may be eligible to complete their TCC degree through Reverse Transfer. Email reversetransfer@tulsacc.edu to see if you qualify for a degree through the Reverse Transfer program (https://www.tulsacc.edu/student-resources/graduation/reverse-transfer).

Learn More About Programs in this Pathway:
- TCC A.S. Engineering, Computer Engineering - https://www.tulsacc.edu/programs-and-courses/academic-programs/engineering-computer-engineering
- TU BS Computer Engineering - https://engineering.utulsa.edu/electrical-computer-engineering/ee-ce-undergraduate-programs/#typical-four-year-schedule-for-electrical-and-computer-engineering

University Transfer Contact Information

University Transfer Office	Amy Stroud
Tulsa Community College	Transfer Credit and Articulation Specialist
www.tulsacc.edu/transfer	University of Tulsa
Contact: tcc2university@tulsacc.edu	Phone: 918-631-2224, transfer-evals@utulsa.edu