

TCC2TU

TRANSFER MAP



Associate in Science in Electrical Engineering (Tulsa Community College) to Bachelor of Science Electrical Engineering (University of Tulsa)

Total Credit Hours at TCC (69) + Total Credit Hours at TU (68) = 137 Credit Hours

Catalog Year: 2021-2022

Modalities Available (On-Campus, Online, Blended): In-Person

University Campus Location: University of Tulsa, 800 S Tucker Dr, Tulsa, OK 74104

Note to Students: Transfer Maps provide a semester by semester guide from TCC to a university program showing course equivalency. This transfer map is based on a full-time academic load of 30 credit hours per year, but can be adjusted to fit a part-time schedule. To ensure maximum transfer of credits, please work with your TCC advisor and your transfer university to ensure you are taking the correct courses to transfer on-time and on-track. Students are responsible for completing requirements in the official degree sheet for each major.

YEAR ONE – TULSA COMMUNITY COLLEGE

| Semester One | | Semester Two | |
|--|-----------|---|-----------|
| TCC Course and TU Equivalent Course | Hrs. | TCC Course and TU Equivalent Course | Hrs. |
| *CHEM 1315 General Chemistry <i>TU Equivalent: CHEM 1013/1011 + FREL 1001</i> | 5 | ENGL 1213 Composition II <i>TU Equivalent: ENGL 1033</i> | 3 |
| ENGL 1113 Composition I <i>TU Equivalent: FREL 1003 (General Elective)</i> | 3 | ENGR 1132 Engineering Design with Computer Aided Design <i>TU Equivalent: ME 1212</i> | 2 |
| ENGR 1111 Introduction to Engineering <i>TU Equivalent: FREL 1001</i> | 1 | MATH 2124 Analytic Geometry & Calculus II <i>TU Equivalent: MATH 2024</i> | 4 |
| *MATH 2114 Analytic Geometry & Calculus I <i>TU Equivalent: MATH 2014</i> | 4 | POLS 1113 American Federal Government <i>TU Equivalent: POL 2053 (Block II)</i> | 3 |
| 3 hrs Humanities (from TU Block I List) <i>TU Equivalent: Block I</i> | 3 | PHYS 2034 Physics I with Calculus <i>TU Equivalent: PHYS 2053/2051</i> | 4 |
| | | 3 hrs Humanities (from TU Block I List) <i>TU Equivalent: Block I</i> | |
| Semester Credit Hours at TCC: | 16 | Semester Credit Hours at TCC: | 19 |

*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.

YEAR TWO – TULSA COMMUNITY COLLEGE

| Semester Three | | Semester Four | |
|---|-----------|--|-----------|
| TCC Course and TU Equivalent Course | Hrs. | TCC Course and TU Equivalent Course | Hrs. |
| CSCI 2473 C Language <i>TU Equivalent: CS 1043</i> | 3 | CHEM 1415 General Chemistry II <i>TU Equivalent: CHEM 1023/1021 + FREL 1001</i> | 5 |
| ENGR 2103 Engineering Statics <i>TU Equivalent: ES 2013 (ES Elective)</i> | 3 | CSCI 2843 C++ Programming Languages <i>TU Equivalent: CS 2003 or CS 2503</i> | 3 |
| HIST 1483 Era <u>or</u> 1493 U.S. History <i>TU Equivalent: HIST 2503 (Block II)</i> | 3 | ENGR 2613 Intro. to Electrical Sciences <i>TU Equivalent: ECE 2003</i> | 3 |
| MATH 2134 Analytic Geometry & Calc. III <i>TU Equivalent: MATH 2073, FREL 1001</i> | 4 | MATH 2613 Elem. Differential Equations <i>TU Equivalent: MATH 3073</i> | 3 |
| PHYS 2124 Physics II with Calculus <i>TU Equivalent: PHYS 2063/2061</i> | 4 | Gen. Ed. Req. Elec (from TU Block II List) <i>TU Equivalent: Block II</i> | 3 |
| Semester Credit Hours at TCC: | 17 | Semester Credit Hours at TCC: | 17 |

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| YEAR THREE – UNIVERSITY OF TULSA | | | |
|-------------------------------------|-----------|-------------------------------------|-----------|
| Semester Five | | Semester Six | |
| TU Course | Hrs. | TU Course | Hrs. |
| FYE 1001 First Year Experience | 1 | ECE 2001 Measurements Lab | 1 |
| ECE 1011 Computer Tools | 1 | ECE 2063 Microprocessors | 3 |
| ECE 2163 Digital Systems | 3 | ECE 3033 Power Systems | 3 |
| ECE 2161 Digital Systems Lab | 1 | ECE 3143 Electronics I | 3 |
| PHYS 2073 Physics III | 3 | ECE 3113 Signals & Systems | 3 |
| ES Elective | 3 | ES 3083 Engineering Economics | 3 |
| STAT 4813 Statistics | 3 | | |
| **Block II | 3 | | |
| Semester Credit Hours at TU: | 18 | Semester Credit Hours at TU: | 16 |

**Select a Block II course from the list that also meets TU's HCGD requirement.

| YEAR FOUR – UNIVERSITY OF TULSA | | | |
|--|-----------|---------------------------------------|-----------|
| Semester Seven | | Semester Eight | |
| TU Course | Hrs. | TU Course | Hrs. |
| ECE 4073 Information & Communication Systems | 3 | ECE 4203 Senior Project II | 3 |
| ECE 4103 Senior Project I | 3 | TECH ELECT | 3 |
| ECE 3023 Electromagnetics | 3 | TECH ELECT | 3 |
| ECE 4041 Electronics Lab | 1 | TECH ELECT | 3 |
| ECE 4043 Electronics II | 3 | TECH ELECT | 3 |
| ECE 4053 Classical Control Systems | 3 | ENGL 3003 Writing for the Professions | 3 |
| Semester Credit Hours at TU: | 16 | Semester Credit Hours at TU: | 18 |

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 \(utulsa.edu\)](https://tuition.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:** After semester three coursework, apply for admission at University of Tulsa as a transfer student (<https://admission.utulsa.edu/apply/transfer-applicants/>).

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T R A N S F E R M A P



- **Final Semester at TCC:** Congratulations you are about to earn your A.S. Engineering, Electrical Engineering. Be sure to apply for graduation @ <https://www.tulsacc.edu/student-resources/graduation>.
- **Transcripts:** Submit an official TCC transcript to TU (www.tulsacc.edu/student-resources/student-records/requesting-and-submitting-transcripts).
- **Reverse Transfer:** If you have not earned an Associate in Arts or an Associate in Science from TCC, and have completed 60 credit hours, with 15 of those hours completed at TCC, email reversetransfer@tulsacc.edu to see if you qualify for a degree through the Reverse Transfer program.

Learn More About Programs in this Pathway:

- TCC A.S. Engineering, Electrical Engineering - <https://www.tulsacc.edu/programs-and-courses/academic-programs/engineering-electrical-engineering>
- TU B.S. Electrical Engineering - <https://engineering.utulsa.edu/electrical-computer-engineering/ee-ce-undergraduate-programs/#typical-four-year-schedule-for-electrical-engineering>

University Transfer Contact Information

University Transfer Office
Tulsa Community College
www.tulsacc.edu/transfer
Contact: tcc2university@tulsacc.edu

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University of Tulsa
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