

Tidewater Community College/Old Dominion University

2015-2016 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science in Electronics Technology

with Transfer General Education Courses to

Bachelor of Science in Engineering Technology in Electrical Engineering Technology

Electrical Systems Technology Concentration

| Tidewater Community College Associate of Applied Science in Electronics Technology | | | | Old Dominion University Bachelor of Science in Engineering Technology | | | |
|---|-----|---|-----------|--|----------------|---|-----------|
| ENG | 111 | College Composition I* | 3 | ENGL | 110C | English Composition | 3 |
| ETR | 104 | Electronic Fundamentals with Computer Applications* | 4 | ENGN | ELE | Elective (Substitute for ENGN 110 and ENGT 111) | 4 |
| MTH | 166 | Precalculus with Trigonometry* | 5 | MATH 162M & 163M | | Precalculus I and II | 5 |
| SDV | 101 | Orientation to Engineering & Technologies | 1 | UNIV | 100 | University Orientation | 1 |
| HLT/PED | ELE | Health/Physical Education Elective | 2 | HE/PE | ELE | Health or PE elective | 2 |
| HUM | ELE | ENG 125, 241, 242, 243, 244, 251, 252 or 253* | 3 | LIT | 1REQ | Literature Way of Knowing | 3 |
| ENG | 112 | College Composition II* | 3 | ENGL | 211C | English Composition | 3 |
| ETR 113 & 114 | | DC and AC Fundamentals I and II* | 8 | EET 110, 200 & 205 | | Electrical Circuits I, II and Lab | 8 |
| ETR | 279 | Digital Principles, Terminology and Apps* | 4 | EET 120 & 125 | | Logic Circuits and Microprocessors and Lab | 4 |
| MTH | 173 | Calculus with Analytic Geometry I* | 5 | MATH | 211 | Calculus I | 5 |
| ETR 148 & 250 | | Amplifiers and Integrated Circuits* and Solid State Circuits* | 8 | EET | 210, 220 & 225 | Electric Devices and Circuits I & II with Lab | 8 |
| Social Science | ELE | ECO 201, 202, GEO 210, PLS 211, 212, 241, PSY 200, 201, 202, 230, 231, 232, 235, SOC 200, 201, 202, 211 or 212* | 3 | HB | 1REQ | Human Behavior Way of Knowing | 3 |
| ETR 261 or 174 | | Microprocessor Applications I or Visual Instrumentation | 4 | ENGN | 2ELE | Elective | 4 |
| PHY 201 & 202 | | General College Physics I* and II* | 8 | PHYS 111N & 112N | | Introductory General Physics I and II | 8 |
| ETR 297 or Approved Elective | | Approved Elective: CHM 111 – College Chemistry* | 4 | CHEM 121N/ 122N | | Foundations of Chemistry I with Lab | 4 |
| Total in AAS degree | | | 65 | Total Transfer for ODU degree | | | 65 |
| Additional Required Courses | | | | ODU Equivalency | | | |
| HIS | ELE | 101, 102, 111, 112, 121 or 122* | 3 | INTP | 1REQ | Interpreting the Past Way of Knowing | 3 |
| HUM | ELE | ART 201, 202, CST 130, 141, HUM 201, 202, 260, MUS 121 or 122* | 3 | HC | 1REQ | Human Creativity Way of Knowing | 3 |
| CST | 100 | *Principles of Public Speaking* or CST 110* | 3 | COMM | 101R | Public Speaking | 3 |
| Total Additional Credits | | | 9 | Total Additional Credits | | | 9 |
| Total credits earned at TCC | | | 74 | Total credits transferred to ODU | | | 74 |

The lower division general education Language and Culture requirements will be satisfied by completion of all courses outlined in this program agreement.

Philosophy and Ethics, Information Literacy and Research and Impact of Technology are met through the major.

*Must earn C or better for course to transfer.

To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:

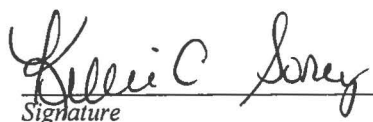
<https://www.odu.edu/newtransfer/letter-of-intent>

Completion of this articulation agreement alone does not guarantee admission to Old Dominion University. All students must meet the requirements set by the Office of Admissions and the Guaranteed Admissions Agreement (GAA).


Please visit admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.

| Additional Old Dominion University Requirements | | | |
|---|---|---|------------|
| EET | 300 | Advanced Circuit Analysis | 3 |
| EET | 305 | Advanced Technical Analysis | 3 |
| EET | 310 | Digital Electronics | 3 |
| EET | 315 | Digital Electronics Laboratory | 2 |
| EET | 360 | Electrical Power and Machinery | 3 |
| EET | 365W | Electrical Power and Machinery Laboratory | 2 |
| EET | 320 | Microprocessors and Microcontrollers | 3 |
| EET | 325 | Microprocessor Laboratory | 2 |
| EET | 330 | Linear Electronics | 3 |
| EET | 312 | Wireless Communications | 4 |
| EET | 335 | Linear Electronics Laboratory | 2 |
| EET | 434 | Introduction to Senior Project | 1 |
| EET | 370T | Energy and the Environment | 3 |
| EET | 480W | Senior Project (Grade of C or better required) | 3 |
| ENMA | 480 | Ethics and Philosophy in Engineering Applications | 3 |
| Senior Electives | | (EET) | 6 |
| Minor | Students must select from any minor in either the College of Engineering and Technology or the College of Sciences. | | 12 |
| Total Credits to be Taken at ODU | | | 58 |
| Total Transfer Credits from TCC | | | 74 |
| Total Credits to be Taken at ODU | | | 58 |
| Total Credits for Degree at ODU | | | 132 |

SUMMARY

 10/29/2015
 Signature Date

Dr. Kellie C. Sorey
 Associate Vice President for Academics
 Tidewater Community College

 12/15/15
 Signature Date

Dr. Brian Payne
 Vice Provost, Academic Affairs
 Old Dominion University