

Rappahannock Community College/Old Dominion University

ARTICULATION AGREEMENT 2010-2011

Associate of Applied Science in General Electronics Technology (Electronics Technology specialization)
with General Education Certificate to
Bachelor of Science in Engineering Technology, Electrical Engineering Technology
Electrical Systems Technology option

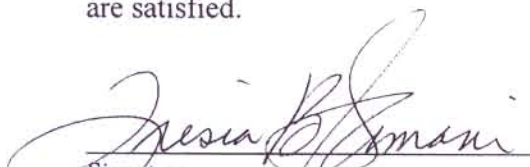
| RCC A.A.S. in General Engineering Technology (Electronics Technology specialization) | | | | ODU B.S.E.T., Electrical Engineering Technology Electrical Systems Technology option | | | |
|--|--------------|---|-----------|--|-----------------------|---|-----------|
| Major | | | | Major | | | |
| ETR | 113 & 114 | DC and AC Fundamentals I and II* | 4 & 4 | EET | 110, 200, & 205 | Electrical Circuits I, II and Lab* | 8 |
| ELE | 120 | Electrical/Electronic Survey | 3 | STEM | 241 | Energy Systems-Basic Electric | 3 |
| ENG | 111 | College Composition I | 3 | ENGL | 110C | English Composition | 3 |
| MTH | 163 | PreCalculus I* | 3 | MATH | 162M | PreCalculus I* | 3 |
| SDV | 100 | College Success Skills | 1 | UNIV | 101 | University Orientation | 1 |
| HPE | Ele | Health/Physical Education Elective | 1 | HE/PE | ELE | Health or PE elective | 1 |
| DRF | 111 | Technical Drafting I | 3 | STEM | 1ELE | Elective | 3 |
| ETR | 203 & 204 | Electronic Devices I and II* | 4 & 4 | EET | 210, 220 & 225 | Electric Devices and Circuits I & II with Lab* | 8 |
| ETR | 271 | Microcomputer Electronics I* | 4 | EET | 120 & 125 | Logic Circuits and Microprocessors and Lab* | 4 |
| MTH | 164 | PreCalculus II* | 3 | MATH | 163 | PreCalculus II* | 3 |
| DRF | 231 | Computer-Aided Drafting I | 3 | MET | 120 | Computer-Aided Drafting | 3 |
| ETR | 272 | Microcomputer Electronics II | 4 | ENGN | 1ELE | Sub for ENGN 110 & 111, Fresh. Engin. & Technology | 4 |
| ELE | 143 | Programmable Controllers I | 4 | STEM | 242 | Technological Systems Control | 4 |
| PHY | 201 | General College Physics I* | 4 | PHYS | 111N | General Physics I* | 4 |
| ECO | 120 | Survey of Economics | 3 | ECON | 200S | Basic Economics | 3 |
| HPE | Ele | Health/Physical Education Elective | 1 | HE/PE | ELE | Health or PE elective | 1 |
| ETR | 198 | Project Co-op I | 2 | ENGN | 1ELE | Elective | 2 |
| ENG | 112 | College Composition II *(replacement for BUS 236 for transfer) | 3 | ENGL | 211C | College Composition | 3 |
| ETR | 298 | Project Co-op II | 2 | ENGN | 2ELE | Elective | 2 |
| SS | Ele | HIS 111 for 121 for transfer | 3 | HISP | 1REQ | Interpreting the Past | 3 |
| HUM | Ele | PHI 100 for transfer | 3 | PHIL | 110P | Introduction to Philosophy | 3 |
| Total in A.A.S. degree | | | 69 | Total Transfer to ODU | | | 69 |
| Additional credits for Certificate in General Education and departmental requirements | | | | General Education/departmental requirements | | | |
| HIS | Elective | HIS 112 or 122 | 3 | HISP | 1REQ | Interpreting the Past | 3 |
| PHY | 202 | General College Physics II* | 4 | PHYS | 112N | General Physics II* | 4 |
| CST | 100 | Principles of Public Speaking* | 3 | COMM | 101R | Public Speaking* | 3 |
| HUM | ELE | Choose one: ART 101, ART 102, MUS 121, or MUS 122 | 3 | FPAP | 1REQ | Human Creativity | 3 |
| CHM | 111 | College Chemistry I* | 4 | CHEM | 121N/ 122N | Foundations of Chemistry I* | 4 |
| MTH | 173 | Calculus with Analytic Geometry I* | 5 | MATH | 211 | Calculus I* | 5 |
| Total additional General Education for Certificate | | | 22 | Total additional General Education for Certificate | | | 22 |
| Total credits earned at RCC | | | 91 | Total credits transferred to ODU | | | 91 |

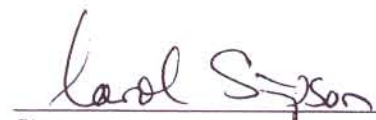
| | | Additional Requirements - ODU | | |
|---|-------|-------------------------------|--|-----|
| | EET | 300 | Advanced Circuits Analysis | 3 |
| | EET | 305 | Adv. Technical Analysis | 3 |
| | EET | 310 | Digital Electronics | 3 |
| | EET | 315 | Digital Electrics Lab | 2 |
| | EET | 320 | Microprocessors and Microcontrollers | 3 |
| | EET | 325 | Microprocessor Lab | 2 |
| | EET | 330 | Linear Electronics | 3 |
| | EET | 335 | Linear Electronics Lab | 2 |
| | EET | 340 | Transmission Networks | 3 |
| | EET | 360 | Electrical Power and Machinery | 3 |
| | EET | 365W | Electrical Power and Machinery Lab | 2 |
| | EET | 370 | Energy and the Environment | 3 |
| | EET | 434 | Intro to Senior Design | 1 |
| | EET | 480W | Senior Project | 3 |
| | EET | XXX | Senior Electives | 6 |
| | ENGN | 401 | FE Review | 0-1 |
| | ENMA | 480 | Substitute transfer of PHIL 110P | |
| | Upper | Gen Ed | Minor from College of Engineering & Technology or Sciences | 12 |
| Total Credits to be Taken at ODU | | | | 51 |
| Total Transfer Credits from A.A.S. | | | | 69 |
| Total Additional Credits in General Education for Certificate and departmental requirements | | | | 22 |
| Credits to be Taken at ODU | | | | 51 |
| Total Credits for B.S.E.T. Degree at ODU | | | | 142 |
| SUMMARY | | | | |

*Indicates a departmental requirement at ODU. Must earn a C or better at RCC to transfer and earn credit at ODU.

Information Literacy & Research and Impact of Technology requirements are satisfied in the major.

By completion of this articulation agreement, Literature and Language & Culture requirements are satisfied.


 Signature _____ Date 11/31/11
 Dr. Tresia Samani
 Vice President, Instruction and Student Development
 Rappahannock Community College


 Signature _____ Date 12/07/2010
 Dr. Carol Simpson
 Provost and Vice-President
 Old Dominion University