



MEMORANDUM OF AGREEMENT

BY AND BETWEEN

GEORGIA NORTHWESTERN TECHNICAL COLLEGE

AND

DALTON STATE COLLEGE

This Agreement is entered into by and between Georgia Northwestern Technical College (hereinafter referred to as “GNTC”) and Dalton State College (hereinafter referred to as “DSC”). This Agreement implements the educational (transition) pathway for students completing their Automation Engineering Technology Associate of Applied Science, Industrial Systems Technology Associate of Applied Science, and Instrumentation and Controls Technician Associate of Applied Science degrees from GNTC into the Bachelor of Applied Science in Engineering Technology at DSC.

The parties hereto agree as follows:

I. TERMS AND CONDITIONS

- A. The Dean of Arts and Sciences at DSC and the Dean of Industrial Technologies at GNTC, or their appointed representatives, will cooperate closely to maintain academic requirements for the Agreement to the extent permitted by governing authorities and accreditation standards for each institution. For curriculum and course changes, each institution will work with the other party to maintain the requirements of both this Agreement and academic programs.

II. RESPONSIBILITIES OF GNTC

- A. Designate a program liaison faculty member who is responsible for working with his or her counterpart at DSC.
- B. Support activities to facilitate DSC recruiting personnel to contact and/or meet with GNTC students interested in transferring to DSC under the auspices of this Agreement.

III. RESPONSIBILITIES OF DSC

- A. Designate a program liaison faculty member who is responsible for working with his or her counterpart at GNTC.

B. Accept all pre-approved courses for transfer as listed in Appendix A of this agreement.

IV. JOINT RESPONSIBILITIES

A. Each party will notify the other of any changes in the curricula, degree requirements, and admission requirements.

B. Share in responsibilities pursuant to this Agreement regarding recruiting, placement, and advising current and future students.

C. Agree to hold institutional meetings, at a minimum, annually to discuss activities and efforts related to this Agreement.

V. TERM AND TERMINATION

A. This Agreement will commence on July 1, 2021 and continue to be valid until amended, modified, or terminated. The Agreement will be reviewed every three years or as needed to either make necessary revisions or to be terminated. Neither party shall be bound by this Agreement until it is signed by appropriate officials representing the two institutions on the signature page of this Agreement.

B. The Agreement may be terminated by either party by written notification at least six (6) months prior to the desired termination date.

VI. MEDIA

The parties agree not to use the other party's name or programs in any promotional material without prior written or oral consent of the other.

| General Education Core (15 Credit Hours) | | DSC Credit in BAS ET | |
|---|---|-----------------------------|---|
| ENGL 1101 | Composition and Rhetoric | 3 | ENGL 1101 |
| ENGL 2130 or MUSC 1101 | Humanities/Fine Arts Elective | 3 | ENGL 2130 or MUSC 1100 |
| ECON 2105 or 2106 or HIST 1111 or 1112 or 2111 or 2112 or POLS 1101 or PSYC 1101 or SOCI 1101 | Social/Behavioral Sciences Elective | 3 | ECON 2105 or 2106 or HIST 1111 or 1112 or 2111 or 2112 or POLS 1101 or PSYC 1101 or SOCI 1101 |
| MATH 1103 | Quantitative Skills and Reasoning OR | 3 | Not Applicable to BAS ET |
| MATH 1101 | Mathematical Modeling OR | 3 | Not Applicable to BAS ET |
| MATH 1111 | College Algebra OR | 3 | Not Applicable to BAS ET |
| MATH 1113 | Precalculus | 3 | MATH 1113 |
| ECON 2105 or 2106 or ENGL 1102 or 2130 or HIST 1111 or 1112 or 2111 or 2112 or MATH 1113 or MUSC 1101 or POLS 1101 or PSYC 1101 or SOCI 1101 or SPCH 1101 | General Education Core Elective | 3 | ECON 2105 or 2106 or ENGL 1102 or 2130 or HIST 1111 or 1112 or 2111 or 2112 or MATH 1113 or MUSC 1101 or POLS 1101 or PSYC 1101 or SOCI 1101 or COMM 1110 |
| Occupational Curriculum (48 Credit Hours) | | | |
| IDSY 1130 | Industrial Wiring | 4 | Technical Elective * |
| IDSY 1170 | Industrial Mechanics | 4 | Technical Elective * |
| IDSY 1110 | Industrial Motor Controls I | 4 | Technical Elective * |
| IDSY 1120 | Basic Industrial PLCs | 4 | Technical Elective * |
| IDSY 1190 | Fluid Power Systems | 4 | Technical Elective * |
| IDSY 1210 | Industrial Motor Controls II | 4 | Technical Elective * |
| IDSY 1220 | Intermediate Industrial PLCs | 4 | Technical Elective * |
| IDSY 1195 | Pumps and Piping Systems | 3 | Technical Elective * |
| XXXX xxxx | Occupational Electives | 11 | Technical Elective * |
| Choose one of the following: | | | |
| IDSY 1101 | DC Circuit Analysis | 3 | Not Applicable to BAS ET |
| IDFC 1011 | Direct Current I | 3 | Not Applicable to BAS ET |
| Choose one of the following: | | | |
| IDSY 1105 | AC Circuit Analysis | 3 | Not Applicable to BAS ET |
| ELTR 1020 | Alternating Current Fundamentals | 3 | Not Applicable to BAS ET |
| IDFC 1012r | Alternating Current I | 3 | Not Applicable to BAS ET |
| ECET 1102 & ECET 1102L | Circuit Analysis I & Lab | 4 | ENGR 3301K |
| ECET 2102 & ECET 2102L | Circuit Analysis II & Lab | 4 | ENGR 3302K |
| *A maximum of 28 technical credits will count toward degree completion; the maximum is 20 without ECET 1102, 1102L, 2102, and 2102L | | | |

| Pre-Occupational Curriculum (16 Credit Hours) | | DSC Credit in BAS ET |
|---|--|---|
| ENGL 1101 | Composition and Rhetoric | 3 ENGL 1101 |
| ECON 2105 or 2106 or HIST 1111 or 1112 or 2111 or 2112 or POLS 1101 or PSYC 1101 or SOCI 1101 | Social/Behavioral Sciences Elective | 3 ECON 2105 or 2106 or HIST 1111 or 1112 or 2111 or 2112 or POLS 1101 or PSYC 1101 or SOCI 1101 |
| MATH 1103 | Quantitative Skills and Reasoning OR | 3 Not Applicable to BAS ET |
| MATH 1101 | Mathematical Modeling OR | 3 Not Applicable to BAS ET |
| MATH 1111 | College Algebra OR | 3 Not Applicable to BAS ET |
| MATH 1113 | Precalculus | 3 MATH 1113 |
| PHYS 1110 | Conceptual Physics | 3 Not Applicable to BAS ET |
| PHYS 1110L | Conceptual Physics Lab | 1 Not Applicable to BAS ET |
| ENGL 2130 or MUSC 1101 | Humanities/Fine Arts Elective | 3 ENGL 2130 or MUSC 1100 |
| Occupational Curriculum (52 Credit Hours) | | |
| IDSY 1110 | Industrial Motor Controls I | 4 Technical Elective * |
| IDSY 1120 | Basic Industrial PLCs | 4 Technical Elective * |
| IDSY 1210 | Industrial Motor Controls II | 4 Technical Elective * |
| IDSY 2750 | Human Machine Interface | 4 Technical Elective * |
| IDSY 1230 | Industrial Instrumentation | 4 Technical Elective * |
| IDSY 2850 | Industrial Graphical Communication | 4 Technical Elective * |
| ICET 2040 | Fundamentals of Pressure, Temperature, Flow, and Level | 5 Technical Elective * |
| ICET 2060 | Instrumentation Maintenance and Calibration | 5 Technical Elective * |
| IDSY 2800 | Advanced Process Control | 4 Technical Elective * |
| ICET 2080 | Final Control Elements | 4 Technical Elective * |
| IDSY 2830 | Networking Industrial Equipment | 4 Technical Elective * |
| Choose one of the following: | | |
| IDSY 1101 | DC Circuit Analysis | 3 Not Applicable to BAS ET |
| IDFC 1011 | Direct Current I | 3 Not Applicable to BAS ET |
| Choose one of the following: | | |
| IDSY 1105 | AC Circuit Analysis | 3 Not Applicable to BAS ET |
| ELTR 1020 | Alternating Current Fundamentals | 3 Not Applicable to BAS ET |
| IDFC 1012 | Alternating Current I | 3 Not Applicable to BAS ET |
| ECET 1102 & ECET 1102L | Circuit Analysis I & Lab | 4 ENGR 3301K |
| ECET 2102 & ECET 2102L | Circuit Analysis II & Lab | 4 ENGR 3302K |
| *A maximum of 28 technical credits will count toward degree completion; the maximum is 20 without ECET 1102, 1102L, 2102, and 2102L | | |

| General Education Core (16 Credit Hours) | | DSC Credit in BAS ET | |
|---|--|-----------------------------|---|
| ENGL 1101 | Composition and Rhetoric | 3 | ENGL 1101 |
| MATH 1111 | College Algebra | 3 | Not Applicable to BAS ET |
| XXXX xxxx (ENGL 2130 or MUSC 1101) | Humanities/Fine Arts Elective | 3 | ENGL 2130 or MUSC 1100 |
| ECON 2105 or 2106 or HIST 1111 or 1112 or 2111 or 2112 or POLS 1101 or PSYC 1101 or SOCI 1101 | Social/Behavioral Sciences Elective | 3 | ECON 2105 or 2106 or HIST 1111 or 1112 or 2111 or 2112 or POLS 1101 or PSYC 1101 or SOCI 1101 |
| PHYS 1111 | Introductory Physics I | 3 | Not Applicable to BAS ET |
| PHYS 1111L | Introductory Physics Lab I | 1 | Not Applicable to BAS ET |
| Occupational Curriculum (56 Credit Hours) | | | |
| ENGT 1000 | Introduction to Engineering Technology | 3 | Technical Elective * |
| ECET 1102 | Circuit Analysis I | 3 | ENGR 3301K*^ |
| ECET 1102L | Circuit Analysis I Lab | 1 | ENGR 3301K*^ |
| DFTG 2010 | Engineering Graphics | 4 | Technical Elective * |
| ECET 2102 | Circuit Analysis II | 3 | ENGR 3302K*^ |
| ECET 2102L | Circuit Analysis II Lab | 1 | ENGR 3302K*^ |
| ECET 1111 | Digital Systems I | 3 | Technical Elective * |
| ECET 1111L | Digital Systems I Lab | 1 | Technical Elective * |
| IDSY 1110 | Industrial Motor Controls I | 4 | Technical Elective * |
| ECET 1191 | Computer Programming Fundamentals | 3 | Technical Elective * |
| MATH 1113 | Precalculus | 3 | MATH 1113 |
| ECET 2000 | Engineering Economics and Management | 3 | Technical Elective * |
| IDSY 1120 | Basic Industrial PLCs | 4 | Technical Elective * |
| AUMF 1150 | Introduction to Robotics | 3 | Technical Elective * |
| AUMF 2060 | Work Cell Design Laboratory | 2 | Technical Elective * |
| IDSY 1230 | Industrial Instrumentation | 4 | Technical Elective * |
| IDSY 2750 | Human Machine Interface | 4 | Technical Elective * |
| IDSY 2800 | Advanced Process Control | 4 | Technical Elective * |
| EMET 2900 | Capstone Project | 3 | Technical Elective * |
| | OR | | |
| ENGT 2500 | Engineering Internship | 3 | Technical Elective * |
| *A maximum of 28 technical credits will count toward degree completion; the maximum is 20 without ECET 1102, 1102L, 2102, and 2102L | | | |
| ^Requires both class and lab for transfer | | | |