

Appendix A: Transfer Course Equivalencies

Effective dates: November 1, 2016 through October 31, 2016

| SUNY Broome Community College A.A.S. – Industrial Technology: Quality Assurance | | | | SUNY Canton B. Tech– Industrial Technology Management (0935) | | |
|--|----------|---|-----------|---|---|------------|
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 1 | ENG 110 | College Writing I | 3 | ENGL 101 -or- ENGL 102 | Expository Writing (GER 10) -OR- Oral & Written Expression (GER 10) | 3 |
| | MAT 156 | Algebra and Trigonometry for Calculus (course substitution) | 3 | MATH 123 | Pre-Calculus (GER 1) | 4 |
| | MET 113 | Engineering Drawing I w/CAD | 3 | SOET 116 | Introduction to CADD | 2 |
| | PHY 161 | Physics I: Mechanics and Heat | 4 | PHYS 121 & PHYS 125 | College Physics I & College Physics I Lab (GER 2) | 4 |
| | CST 105 | Computer Applications | 3 | | Program Elective | 3 |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 2 | | | | ACCT 101 -or- ACCT 104 | Foundations of Financial Accounting Or Survey of Accounting | 4 |
| | MAT 160 | Applied Calculus I | 4 | MATH 161 | Calculus I (GER 1) | 4 |
| | | | | PHYS 122 & PHYS 126 | College Physics II & College Physics II Lab | 4 |
| | MAT 224 | Statistics II | 3 | | Program Elective | 3 |
| | MAT 245 | Design of Experiments | 3 | | Program Elective | 3 |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 3 | | | | ECON 101 -or- ECON 103 | Macroeconomics (GER 3) -OR- Microeconomics (GER 3) | 3 |
| | MAT 124 | Statistics I | 3 | MATH 141 -or- MECH 251 | Statistics (GER 1) -OR- Quality Control | 3 |
| | MET 112 | Metrology | 3 | | Program Elective | 3 |
| | MET 121 | Manufacturing Processes I | 3 | | Program Elective | 3 |
| | | Gen. Ed. Elective (GER 4, 5, 6, 7, 8 or 9) | 3 | | GER Elective (4, 5, 6, 7, 8, 9) | 3 |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 4 | | | | BSAD 201 | Business Law I | 3 |
| | SQC 111 | Acceptance Sampling and Reliability | 3 | | Program Elective | 3 |
| | SQC 113 | Statistical Process Control | 3 | | Program Elective | 3 |
| | | Gen. Ed. Elective (GER 4, 5, 6, 7, 8 or 9) | 3 | | GER Elective (4, 5, 6, 7, 8, 9) | 3 |
| | | Gen. Ed. Elective (GER 4, 5, 6, 7, 8 or 9) (Approved Elective) | 3 | | GER Elective (4, 5, 6, 7, 8, 9) | 3 |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 5 | | | | BSAD 340 | Management Communications* | 3 |
| | | | | BSAD 355 | Management of Technology | 3 |
| | | | | SOET 361 | Project Management | 3 |
| | SQC 200 | Senior Seminar I | 1 | | Program Elective | 3 |
| | EET 183 | Applied Electricity | 3 | | Program Elective | 3 |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 6 | | | | BSAD 301 | Principles of Management | 3 |
| | | | | SOET 370 | Engineering Economics | 3 |
| | SQC 201 | Senior Seminar II | 1 | | Program Elective | 3 |
| | SQC 210 | Six Sigma Topics | 3 | | Program Elective | 3 |
| | | | | | U/L Liberal Arts/Science Elective | 3 |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 7 | | | | BSAD 449 | Strategic Policies & Issues | 3 |
| | | | | SOET 430 | Systems Analysis | 3 |
| | | | | SOET 377 | Engineering Ethics | 1 |
| | SQC 220 | Senior Practicum | 3 | | Program Elective | 3 |
| | | | | | Program Elective | 3 |
| | | | | U/L Liberal Arts/Science Elective | 3 | |
| Semester | Course # | Course Name | Cr | Course # | Course Name | Cr |
| 8 | | | | SOET 477 | Engineering Technology Capstone Project | 3 |
| | | | | SOET 348 | Engineering Safety | 1 |
| | | | | | Program Elective | 3 |
| | | | | | Program Elective | 3 |
| | | | | | Business Elective | 3 |
| Accepted Transfer Credit Total | | | 61 | SUNY Program Credit Total | | 123 |



Appendix A: Transfer Course Equivalencies

Program Electives

Any course from the Canino School of Engineering Technology, or the Business Department.

All Program Elective courses presented for graduation must have at least a grade of "C" (or transfer credit).

Students in this program must take at least 45 upper division credits (course numbers 300/400) and a minimum of 30 Liberal Arts credits

Additional Notes

* Fulfills writing intensive requirement.

L/L = Upper Level Courses (100/200).

U/L = Upper Level Courses (300/400).

GER = General Education Requirement.

Industrial Technology Management students must meet seven of the ten General Education Requirements. Four of the GERs (GER 1, 2, 3, and 10) are met with existing curriculum course requirements. The remaining three GERs must be met by selecting one course each in three of the following six areas: American History (GER 4); Western Civilization (GER 5); Other World Cultures (GER 6); Humanities (GER 7); The Arts (GER 8); Foreign Language (GER 9).

Student Learning Outcomes can be found at www.canton.edu/csoet/itm/.

STUDENT ELIGIBILITY: Graduates of Associate of Applied Science– Industrial Technology: Quality Assurance program at SUNY Broome Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. **SUNY Canton assures acceptance for SUNY Broome Community College students who have a cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at SUNY Broome Community College.

Program Contact

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APPROVALS

SUNY Broome Community College:



Dr. Francis Battisti
Executive Vice President and Chief Academic
Officer

11/30/16

Date



Dr. Kelli Ligeikis
AVP & Dean of STEM

11/28/16

Date

SUNY Canton:



Michael Newtown
Dean, Canino School of Engineering Technology

11/11/16

Date



Dr. Eric Cheng
Curriculum Coordinator, Industrial Technology
Management

11/10/16'

Date

