

TCI Technical Career Institutes Equivalencies

The following is a **partial list** of common course equivalents between TCI-Technical Career Institutes and NYIT. Please keep in mind that credit is awarded only for courses that are required for the degree that you are pursuing.

TCI-Technical Career Institutes courses that are not listed will be evaluated as part of the application process. Since transfer assessments are personalized based on each student's unique course of study, we strongly encourage TCI students to apply for admission with the fee waiver code TCIAPP to receive a course-by-course evaluation of credit applicable to the NYIT major.

NYIT advisors are available to discuss majors structured to maximize transfer credit awards. To schedule an appointment, please contact Deniz Gezlev at dgezlev@nyit.edu or call 516.686.1031.

<i>TCI Technical Career Institutes</i>	<i>New York Institute of Technology</i>
Course and Description	Course and Description
AC-121 AC CIRCUITS EC-120 AC CIRCUITS AND SEMICONDUCTORS LABORATORY	ETEC 120 ELECTRICAL TECHNOLOGY II
ACC 101 PRINCIPLES OF ACCOUNTING I	ACCT 101 ACCOUNTING I
ACC-102 PRINCIPLES OF ACCOUNTING II	ACCT-102 ACCOUNTING II
ACC-201 INTERMEDIATE ACCOUNTING I	ACCT-110 MANAGERIAL ACCOUNTING
BIO 101 GENERAL BIOLOGY	BIOL 101 HUMANITY AND THE BIOLOGICAL UNIVERSE
BUS 201 BASIC BUSINESS STATISTICS	QANT 201 STATISTICAL SAMPLING THEORY
BUS-200 INTRODUCTION TO BUSINESS MANAGEMENT	MGMT-102 PRINC OF MANAGEMENT
BUS-202 BUSINESS LAW	LLAW-110 LEGAL ENVIRONMENT OF BUSINESS
CAD 202 COMPUTER-ASSISTED ANALYSIS	MENG 105 ENGINEERING GRAPHICS
CAD 202 COMPUTER-ASSISTED ANALYSIS	MTEC 210 INTRODUCTION TO COMPUTER AIDED DESIGN
CET 102 INTRODUCTION TO PROGRAMMING	CSCI 125 COMPUTER PROGRAMMING I
CET 102 INTRODUCTION TO PROGRAMMING	CTEC 206 PROGRAMMING TECHNIQUES II
CET 211 DIGITAL CIRCUITS AND SYSTEMS	CTEC 216 DIGITAL ELECTRONICS
CET 221 DIGITAL LABORATORY	
CET 213 MICROCONTROLLERS	CTEC 235 MICROCOMPUTERS I
CET 233 LOCAL AREA NETWORKS	CTEC 460 COMPUTER NETWORKING TECHNOLOGY
CET-102 INTRODUCTION TO PROGRAMMING	CTEC 206 PROGRAMMING TECHNIQUES II
CET-201 SCIENTIFIC COMPUTING	CTEC 206 PROGRAMMING TECHNIQUES II
CET-302 VISUAL PROGRAMMING	

CET-211 DIGITAL CIRCUITS AND SYSTEMS CET-221 DIGITAL LABORATORY	CTEC 216 DIGITAL ELECTRONICS
CET-213 MICROCONTROLLERS	CTEC 235 MICROCOMPUTERS I
CET-233 LOCAL AREA NETWORKS	CTEC 460 COMPUTER NETWORKING TECHNOLOGY
CET-244 PROGRAMMABLE LOGIC CONTROLLERS	GEEL GENERAL ELECTIVE
CET-401 DATA COMMUNICATIONS EET-501 ELECTRONICS COMMUNICATION	ETEC 310 COMMUNICATION CIRCUITS
CET-404 CONTROL SYSTEMS	ETEC 410 CONTROL SYSTEMS TECHNOLOGY
CM 200 ANALOG AND WIRELESS COMMUNICATIONS LABORATORY CM 201 ANALOG AND WIRELESS COMMUNICATIONS	ETEC 110 ELECTRICAL TECHNOLOGY I
CM-201 ANALOG AND WIRELESS COMMUNICATIONS CM-202 DIGITAL COMMUNICATIONS	ETEC 310 COMMUNICATION CIRCUITS
CMP 101 INTRODUCTION TO COMPUTERS CMP 101 INTRODUCTION TO COMPUTERS	GEEL 103 GENERAL ELECTIVE 3 MIST 101 INTRODUCTION TO COMPUTER APPLICATIONS
COM 204 SCRIPTING LANGUAGES	CTEC 204 PROGRAMMING TECHNIQUES I
COM 204 SCRIPTING LANGUAGES	CTEC 471 INTERNET DEVELOPMENT
COM 205 LINUX OPERATING SYSTEM	CTEC 311 INTRODUCTION TO OPERATING SYSTEMS
COM-202 OPERATING SYSTEMS	CTEC 311 INTRODUCTION TO OPERATING SYSTEMS
COM-204 INTRODUCTION TO JAVA PROGRAMMING	CTEC 204 PROGRAMMING TECHNIQUES I
COM-204 INTRODUCTION TO JAVA PROGRAMMING	CTEC 471 INTERNET DEVELOPMENT
COM-205 LINUX OPERATING SYSTEM	CTEC 311 INTRODUCTION TO OPERATING SYSTEMS
COM-205 LINUX OPERATING SYSTEM	ETEC 490 SPECIAL TOPICS
CP-101 INTRODUCTION TO COMPUTING	MIST 101 INTRODUCTION TO COMPUTER APPLICATIONS
CP-102 COMPUTER APPLICATIONS	CTEC 206 PROGRAMMING TECHNIQUES II
CP-102N COMPUTER APPLICATIONS	CTEC 206 PROGRAMMING TECHNIQUES II
CP-201 COMPUTER NETWORKING CP-202 COMPUTER NETWORKING LABORATORY	CTEC 460 COMPUTER NETWORKING TECHNOLOGY
CP-202N COMPUTER NETWORKING LABORATORY	CTEC 460 COMPUTER NETWORKING TECHNOLOGY
CPN-110 NETWORKING I	
CP-203 ADVANCED COMPUTER APPLICATIONS I	GEEL GENERAL ELECTIVE
CP-204 ADVANCED COMPUTER APPLICATIONS II	GEEL GENERAL ELECTIVE
CP-205 ADVANCED COMPUTER APPLICATIONS III	CTEC 311 INTRODUCTION TO OPERATING SYSTEMS
CP-205 ADVANCED COMPUTER APPLICATIONS III	GEEL GENERAL ELECTIVE

CPN 111 INTRODUCTION TO COMPUTER LOGICS	CTEC 216 DIGITAL ELECTRONICS
CPN 112 NETWORKING FUNDAMENTALS	CTEC 460 COMPUTER NETWORKING TECHNOLOGY
CPN 209 NETWORK SECURITY ESSENTIALS	ETEC 490 SPECIAL TOPICS
CPN 223 INTERNET-WORKING WITH CISCO ROUTERS	ETEC 490 SPECIAL TOPICS
CPN 232 INTRODUCTION TO PC OPERATING SYSTEMS	CTEC 311 INTRODUCTION TO OPERATING SYSTEMS
CPN 232 INTRODUCTION TO PC OPERATING SYSTEMS	ETEC 490 SPECIAL TOPICS
CPN-102 PROGRAMMING WITH VISUAL BASIC.NET	CTEC 206 PROGRAMMING TECHNIQUES II
CPN-112 NETWORKING FUNDAMENTALS	CTEC 460 COMPUTER NETWORKING TECHNOLOGY
CPN-112 NETWORKING FUNDAMENTALS	TELE 345 LAN AND INTERNETWORKING
CPN-209 NETWORK SECURITY ESSENTIALS	ETEC 490 SPECIAL TOPICS
CPN-223 INTERNETWORKING WITH CISCO ROUTERS	ETEC 490 SPECIAL TOPICS
CPN-228 INSTALLING, CONFIGURING AND ADMINISTERING SQL SERVERS	GEEL GENERAL ELECTIVE
CPN-231 PC HARDWARE TECHNOLOGY	GEEL GENERAL ELECTIVE
CPN-232 INTRODUCTION TO PC OPERATING SYSTEMS	CTEC 311 INTRODUCTION TO OPERATING SYSTEMS
CPN-291 MICROSOFT WINDOWS NETWORK INFRASTRUCTURE	TELE 420 INTERNETWORKING TECHNOLOGY I
CPN-298 DESIGNING SECURITY FOR MICROSOFT WINDOWS NETWORK	ETEC 490 SPECIAL TOPICS
CPT 101 COMPUTER ARCHITECTURE FUNDAMENTALS	CTEC 216 DIGITAL ELECTRONICS
CPT-101 COMPUTER ARCHITECTURE FUNDAMENTALS	CSCI 130 COMPUTER ORGANIZATION
CPT-101 COMPUTER ARCHITECTURE FUNDAMENTALS	CTEC 216 DIGITAL ELECTRONICS
CPT-102 INTRODUCTION TO PROGRAMMING	CTEC-206 PROGRAMMING TECHNIQUES II
CPT-211 DIGITAL CIRCUITS AND SYSTEMS	CTEC-216 DIGITAL ELECTRONICS
CPT-213 MICRO-CONTROLLERS	CTEC-235 MICROCOMPUTERS I
CPT-223 MICRO-CONTROLLERS LABORATORY	CTEC-460 COMPUTER NETWORKING TECHNOLOGY
CST 103 INTRO TO PROGRAMMING WITH C++	CSCI 125 PROGRAMMING I
CST 103 INTRO TO PROGRAMMING WITH C++	CTEC 208 PROGRAMMING TECHNIQUES II
CST-102 PROGRAMMING CONCEPTS	GEEL GENERAL ELECTIVE
CST-103 INTRODUCTION TO PROGRAMMING WITH C++	CTEC 208 PROGRAMMING TECHNIQUES II
CST-202 INTRODUCTION TO JAVA	CTEC-204 PROGRAMMING TECHNIQUES I
CT-231 COMPUTER TECHNOLOGY	GEEL GENERAL ELECTIVE
DC-110 DC CIRCUITS LABORATORY	ETEC 110 ELECTRICAL TECHNOLOGY I
DC-112 DC CIRCUITS	

DCM 202 DATA COMMUNICATION DR-220 DIGITAL SYSTEMS LABORATORY	ETEC 310 COMMUNICATION CIRCUITS
DIL-122 DIGITAL LOGIC	CTEC-216 DIGITAL ELECTRONICS
DMA 111 INTRODUCTION TO ANIMATION	DGIM 101 INTRODUCTION TO DIGITAL IMAGING
DR-122 DIGITAL LOGIC	CTEC 216 DIGITAL ELECTRONICS
DR-122 DIGITAL LOGIC I	CTEC 216 DIGITAL ELECTRONICS
DVP-210 VIDEO PRODUCTION TECHNIQUES	FILM-101 FUNDAMENTALS OF FILM PRODUCTION
EC 220N SEMICONDUCTORS LABORATORY EC 221 ELECTRONIC CIRCUITS	ETEC 131 ELECTRONICS TECHNOLOGY I
EC-220 ELECTRONIC CIRCUITS LABORATORY EC-221 ELECTRONIC CIRCUIT	ETEC 231 ELECTRONICS TECHNOLOGY II
EC-220N SEMICONDUCTORS LABORATORY EC-221N SEMICONDUCTORS AND ELECTRONIC CIRCUITS	ETEC-131 ELECTRONICS TECHNOLOGY I
ECO 101 INTRODUCTION TO ECONOMICS	ECON 101 BASIC ECONOMICS
EET 102 ELECTRONICS I EET 112 ELECTRONICS I LABORATORY	ETEC 131 ELECTRONICS TECHNOLOGY I
EET 211 ELECTRONICS II	ETEC 231 ELECTRONICS TECHNOLOGY II
EET 212 INTRODUCTION TO TELECOMMUNICATIONS	ETEC 310 COMMUNICATION CIRCUITS
EET-101 INTRODUCTORY CIRCUIT ANALYSIS EET-111 CIRCUIT ANALYSIS LABORATORY	ETEC 110 ELECTRICAL TECHNOLOGY I ETEC 120 ELECTRICAL TECHNOLOGY II
EET-102 ELECTRONICS I EET-112 ELECTRONICS I LABORATORY	ETEC 131 ELECTRONICS TECHNOLOGY I
EET-211 ELECTRONICS II	ETEC 231 ELECTRONICS TECHNOLOGY II
EET-212 INTRODUCTION TO TELECOMMUNICATIONS	ETEC 310 COMMUNICATION CIRCUITS
EET-245 CONTROL SYSTEMS	ETEC-490 SPECIAL TOPICS
EET403 INTRODUCTION TO TELECOMMUNICATIONS	ETEC 310 COMMUNICATION CIRCUITS
EIT-120 EMERGING TECHNOLOGIES	ETCS-108 COMPUTER, INTERNET AND SOCIETY
ENG-101 ENGLISH COMPOSITION I ENG-102 ENGLISH COMPOSITION II	LAEL LIBERAL ARTS ELECTIVE FCWR 101 WRITING I: COLLEGE COMPOSITION
ENG-202 TECHNICAL WRITING AND PRESENTATION	FCWR 151 WRITING II: RESEARCH WRITING (Must have successfully completed FCWR 101)
ETC-242 EMBEDDED SYSTEMS PROGRAMMING	ETEC-490 SPECIAL TOPICS
FIN 201 CORPORATE FINANCE	FINC 201 CORPORATION FINANCE
HIS 103 UNITED STATES HISTORY I: TO 1877 (ESL STUDENTS)	HIST 110 AMERICAN HISTORY I
HIS 104 UNITED STATES HISTORY II: 1877 TO THE PRESENT (ESL STUDENTS)	HIST 150 AMERICAN HISTORY II
HIS 105 WORLD HISTORY UNTIL 1500	HIST 310 SEMINAR IN HISTORY
HIS 106 WORLD HISTORY SINCE	HIST 210 THE CONTEMPORARY WORLD
HIS-114 UNITED STATES HISTORY II: 1877 TO THE PRESENT	HIST 150 AMERICAN HISTORY II

HIS-203 TWENTIETH CENTURY WORLD HISTORY	HIST 210 THE CONTEMPORARY WORLD
HUM 108 SCIENCE AND TECHNOLOGY STUDIES	PHIL 230 TECHNOLOGY, SOCIETY, AND VALUES
HUM 110 SPEECH	FCSP 105 FOUNDATIONS OF SPEECH COMMUNICATION
HUM-108 SCIENCE AND TECHNOLOGY STUDIES	PHIL 230 TECHNOLOGY, SOCIETY, AND VALUES
LIT 201 INTRODUCTION TO LITERATURE	FCWR 151 WRITING II: RESEARCH WRITING (Must have successfully completed FCWR 101)
LIT 207 INTRODUCTION TO POETRY	LITR 210 THE ART OF POETRY
LIT 210 INTRODUCTION TO SHAKESPEARE AND HIS CONTEMPORARIES	LITR 320 SHAKESPEARE
LIT-207 INTRODUCTION TO POETRY	LITR 210 THE ART OF POETRY
LIT-208 INTRODUCTION TO DRAMA	LITR 220 THE ART OF DRAMA
LIT-210 INTRODUCTION TO SHAKESPEARE AND HIS CONTEMPORARIES	LITR 320 SHAKESPEARE
MAT 111 COLLEGE MATHEMATICS	MATH 115 INTRODUCTORY CONCEPTS OF MATHEMATICS
MAT 115 ALGEBRA AND TRIGONOMETRY	MATH 125 FINITE MATHEMATICS
MAT 120 ALGEBRA AND TRIGONOMETRY I	TMAT 135 TECHNICAL MATHEMATICS I <i>OR</i> MATH 135 FUND OF PRECALCULUS I
MAT 130 ALGEBRA AND TRIGONOMETRY II	TMAT 155 TECHNICAL MATHEMATICS II <i>OR</i> MATH 136 FUND OF PRECALCULUS II
MAT 140 COLLEGE ALGEBRA AND TRIGONOMETRY	MATH 141 PRECALCULUS
MAT 210 ANALYTICAL GEOMETRY AND CALCULUS	MATH 161 BASIC APPLIED CALCULUS
MAT 210 ANALYTICAL GEOMETRY AND CALCULUS	MATH 170 CALCULUS I
MAT-101 MATHEMATICAL ANALYSIS I	MATH 141 PRECALCULUS
MAT-112 COLLEGE MATHEMATICS	MATH-115 INTRODUCTORY CONCEPTS OF MATHEMATICS
MAT-115 ALGEBRA AND TRIGONOMETRY I	TMAT 135 TECHNICAL MATHEMATICS I <i>OR</i> MATH 135 FUND OF PRECALCULUS I
MAT-120 ALGEBRA AND TRIGONOMETRY I	TMAT 135 TECHNICAL MATHEMATICS I <i>OR</i> MATH 135 FUND OF PRECALCULUS I
MAT-130 ALGEBRA AND TRIGONOMETRY II	TMAT 155 TECHNICAL MATHEMATICS II <i>OR</i> MATH 136 FUND OF PRECALCULUS II
MAT-140 COLLEGE ALGEBRA AND TRIGONOMETRY	MATH 141 PRECALCULUS
MAT-201 MATHEMATICAL ANALYSIS II	MATH 170 CALCULUS I
MAT-210 ANALYTICAL GEOMETRY AND CALCULUS	MATH 170 CALCULUS I
MOT 200 MANAGEMENT OF TECHNOLOGY	IENG 251 PROJECT ENGINEERING
OP 240 OPERATIONAL AMPLIFIERS LABORATORY	ETEC 490 SPECIAL TOPICS
OP 241 OPERATIONAL AMPLIFIERS	
OP 240 OPERATIONAL AMPLIFIERS LABORATORY	ETEC 491 SPECIAL TOPICS II
OP 241 OPERATIONAL AMPLIFIERS	

OP-240 OPERATIONAL AMPLIFIERS LABORATORY	ETEC 490 SPECIAL TOPICS
OP-241 OPERATIONAL AMPLIFIERS	
PHY 101 INTRODUCTORY PHYSICS	PHYS 130 INTRODUCTORY PHYSICS
PHY 102 PHYSICS I	PHYS 130 INTRODUCTORY PHYSICS
PHY 102 PHYSICS I	PHYS 170 GENERAL PHYSICS I
PHY 201 PHYSICS II	
PHY 201 PHYSICS II	PHYS 150 INTRODUCTORY PHYSICS II
PSY-101 INTRODUCTION TO PSYCHOLOGY	PSYC-101 INTRODUCTION TO PSYCHOLOGY
RES 220 INTRODUCTION TO RAILWAY SIGNALING	ETEC 490 SPECIAL TOPICS
RES 221 RAILWAY COMMUNICATIONS AND AUTOMATIC FARE COLLECTION SYSTEMS	ETEC 490 SPECIAL TOPICS
RES-120 INTRODUCTION TO RAILWAY SIGNALING	ETEC 490 SPECIAL TOPICS
RES-121 RAILWAY COMMUNICATIONS AND AUTOMATIC FARE COLLECTION SYSTEMS	ETEC 490 SPECIAL TOPICS
RET-112 MECHATRONICS I	ETEC-110 ELECTRICAL TECHNOLOGY I
RET-211 RENEWABLE ENERGY TECHNOLOGIES I	ETEC 240 ENERGY TECHNOLOGY
SC 122 SEMICONDUCTOR CIRCUITS	ETEC 131 ELECTRONICS TECHNOLOGY I
SMT-116 INTRODUCTION TO CRIMINAL JUSTICE	CRIM-101 INTRODUCTION TO CRIMINAL JUSTICE
SMT-136 PRINCIPLES OF CRIMINAL INVESTIGATION	CRIM-301 CRIMINAL INVESTIGATION
SMT-215 SECURITY LAW	CRIM-280 PRIVATE SECURITY
SOC 101 GENERAL SOCIOLOGY	SOCI 101 INTRODUCTION TO SOCIOLOGY
VM-101 MATHEMATICS FOR ELECTRONICS I	MATH 141 PRECALCULUS
VM-201 MATHEMATICS FOR ELECTRONICS II	
VM-101 MATHEMATICS FOR ELECTRONICS I	TMAT 135 TECHNICAL MATHEMATICS I <i>OR</i> MATH 135 FUND OF PRECALCULUS I
VM-102 MATHEMATICS FOR ELECTRONICS II	TMAT 155 TECHNICAL MATHEMATICS II <i>OR</i> MATH 136 FUND OF PRECALCULUS II
VM-201 MATHEMATICS FOR ELECTRONICS II	TMAT 155 TECHNICAL MATHEMATICS II <i>OR</i> MATH 136 FUND OF PRECALCULUS II