

Queensborough Community College – New York Institute of Technology
 Articulation Agreements
 (6/04)

Page	Academic Area	Queensborough Program	Degree	NYIT Program	Degree
	Architecture (Agreement under Revision)				
1	Business	Accounting	AAS	Business Administration Option: Managerial Accounting	BS
2		Business Administration	AS	Business Administration Option: Managerial Accounting	BS
3		Business Administration	AS	Business Administration Options: General Management, Marketing, Finance, Small Business Management & Entrepreneurship, Human Resources Management, International Business, & Management of Information Systems	BS
4	Engineering	Engineering Science	AS	Electrical and Computer Engineering	BS
5		Engineering Science	AS	Mechanical Engineering	BS
6	Technology	Computer Engineering Technology	AAS	Electrical Engineering Technology	BT
7		Electronic Engineering Technology	AAS	Electrical Engineering Technology	BT
8		Telecommunications Technology	AAS	Telecommunications Network Management	BS

QUEENSBOROUGH COMMUNITY COLLEGE		NEW YORK INSTITUTE OF TECHNOLOGY	
<i>Associate in Applied Science Accounting</i>		<i>Bachelor of Science Business Administration Managerial Accounting Option</i>	
Course	Credit	Course	Credit
General education core requirements:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
MA-240 Mathematics for Business & Economics I	2	1 Liberal Art Elective*	1
MA-250 Mathematics for Business & Economics II	2	MATH 125 Finite Mathematics*	3
Laboratory Science	4	Science equivalent + 1 Liberal Art Elective	4
History elective or SP-211 Speech Communication	3	History equivalent or SPCH 105 Basic Speech Communication	3
Economics: SS 211 or SS-212	3	Economics Equivalent	3
Requirements for the major:			
BU-101 Principles of Accounting I	4	ACCT 101 Accounting I + 1 Accounting Elective	4
BU-102 Principles of Accounting II	4	ACCT 105 Accounting II + 1 Accounting Elective	4
BU-103 Intermediate Accounting I	4	Accounting Elective**	4
BU-104 Intermediate Accounting II	3	ACCT 210 Financial Accounting II**	3
BU-110 Cost Accounting	4	ACCT 306 Cost Accounting + 1 Elective	4
BU-108 Income Taxation	3	Elective	3
BU-111 Computer Applications in Accounting	3	Elective	3
BU-201 Business Organization and Management	3	MGMT 201 Business Organization and Administration	3
BU-203 Principles of Statistics	3	QANT 301 Statistical Sampling Theory	3
BU-301 Business Law I	3	LLAW 101 Business Law I	3
BU-500 Introduction to Microcomputer Applications	3	MIST 101 Introduction to Computer Applications	3
BU-701 Principles of Finance	3	ECON 201 Money and Banking	3
TOTAL	60	TOTAL	60

*MA-240 and MA-250 must both be successfully completed to grant credit for MATH 125.

**BU-103 and BU-104 must both be successfully completed to grant credit for ACCT 210.

(prepared by A. Ott 6/04)

QUEENSBOROUGH COMMUNITY COLLEGE

NEW YORK INSTITUTE OF TECHNOLOGY

Associate in Science Business Administration

Bachelor of Science Business Administration Managerial Accounting Option

Course	Credit	Course	Credit
General education core requirements:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
Foreign Language and/or Liberal Arts and Sciences	4-8	Liberal Arts Elective	4-8
MA-240 Mathematics for Business & Economics I	2	1 Business Elective*	1
MA-250 Mathematics for Business & Economics II	2	MATH 125 Finite Mathematics*	3
Laboratory Science	4	Science equivalent + 1 Liberal Art Elective	4
Health Education: HE-101 or 102	1-2	Elective	1-2
History: HI-110, 111, or 112	3	History equivalent	3
Economics: SS-211 or SS-212	3	Economics equivalent	3
SP-211 Speech Communication	3	SPCH 105 Basic Speech Communication	3
Social Science, History or Humanities Elective – Restricted to Philosophy	3	Philosophy equivalent	3
Requirements for the major:			
BU-101 Principles of Accounting I	4	ACCT 101 Accounting I + 1 Accounting Elective	4
BU-102 Principles of Accounting II	4	ACCT 105 Accounting II + 1 Accounting Elective	4
BU-201 Business Organization and Management	3	MGMT 201 Business Organization and Administration	3
BU-203 Principles of Statistics	3	QANT 301 Statistical Sampling Theory	3
BU-301 Business Law	3	LLAW 101 Business Law I	3
BU-401 Elements of Marketing	3	MRKT 101 Introduction to Marketing	3
BU-701 Principles of Finance	3	ECON 201 Money and Banking	3
Electives:			
Free electives	1-6	Electives	1-6
TOTAL	60	TOTAL	60

*MA-240 and MA-250 must both be satisfactorily completed to grant credit for MATH 125.

(prepared by A Ott 10/04)

QUEENSBOROUGH COMMUNITY COLLEGE

NEW YORK INSTITUTE OF TECHNOLOGY

Associate in Science Business Administration

Bachelor of Science Business Administration

Options: General Management, Marketing, Finance, Small Business Management & Entrepreneurship, Human Resources Management, International Business, & Management of Information Systems

Course	Credit	Course	Credit
General education core requirements:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
Foreign Language and/or Liberal Arts and Sciences	4-8	Liberal Arts Elective	4-8
MA-240 Mathematics for Business & Economics I	2	1 Business Elective*	1
MA-250 Mathematics for Business & Economics II	2	MATH 125 Finite Mathematics*	3
Laboratory Science	4	Science equivalent + 1 Liberal Art Elective	4
Health Education: HE-101 or 102	1-2	Elective	1-2
History: HI-110, 111, or 112	3	History equivalent	3
Economics: SS-211 or SS-212	3	Economics equivalent	3
SP-211 Speech Communication	3	SPCH 105 Basic Speech Communication	3
Social Science, History or Humanities Elective – Restricted to Philosophy	3	Philosophy equivalent	3
Requirements for the major:			
BU-101 Principles of Accounting I	4	ACCT 101 Accounting I + 1 Accounting Elective	4
BU-102 Principles of Accounting II	4	ACCT 105 Accounting II + 1 Accounting Elective	4
BU-201 Business Organization and Management	3	MGMT 201 Business Organization and Administration	3
BU-203 Principles of Statistics	3	QANT 301 Statistical Sampling Theory	3
BU-301 Business Law	3	LLAW 101 Business Law I	3
BU-401 Elements of Marketing	3	MRKT 101 Introduction to Marketing	3
BU-701 Principles of Finance	3	ECON 201 Money and Banking	3
Electives:			
Free electives	1-6	Electives	1-6
TOTAL	60	TOTAL	60

*MA-240 and MA-250 must both be satisfactorily completed to grant credit for MATH 125.

(prepared by A Ott 10/04)

**QUEENSBOROUGH COMMUNITY
COLLEGE**

**NEW YORK INSTITUTE
OF TECHNOLOGY**

*Associate in Science
Engineering Science*

*Bachelor of Science
Electrical and Computer Engineering*

Course	Credit	Course	Credit
General education core requirements and pre- and co-requisites for the major:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
SP-211 Speech Communication	3	SPCH 105 Basic Speech Communication	3
History: HI-110, 111, or 112	3	History equivalent	3
Social Science, History or Humanities Elective – Restricted to Philosophy	3	Philosophy equivalent	3
Social Science Elective – Restricted to Psychology, Sociology, or Anthropology	3	Behavioral Science equivalent	3
HE-102 Health Education	2	Elective	2
MA-441 Analytic Geometry and Calculus I	4	MATH 170 Calculus I	4
MA-442 Analytic Geometry and Calculus II	4	MATH 180 Calculus II	4
MA-443 Analytic Geometry and Calculus III	4	MATH 260 Calculus III	4
MA-451 Differential Equations <u>or</u> MA-461 Linear Algebra	4	MATH 320 Differential Equations + 1 Elective <u>or</u> MATH 310 Linear Algebra + 1 Elective	4
CH-151 General Chemistry I	4.5	CHEM 107 Engineering Chemistry	4
CH-152 General Chemistry II	4.5	Liberal Arts Elective + 1 credit used for PHYS 170 and 180	3
PH-411 Calculus Physics I	3.5	PHYS 170 General Physics I	4
PH-412 Calculus Physics II	3	PHYS 220 General Physics III	4
PH-413 Calculus Physics III	3.5	PHYS 180 General Physics II	4
PH-414 Analytical Mechanics (recommended)	4	MENG 211 Engineering Mechanics + 1 credit used for PHYS 220	3
Requirements related to the major:			
Restricted to:			
EE-204 Electric Circuits	3	EENG 211 Electrical Circuits I	3
MA-471 Introduction to Discrete Mathematics	3	CSCI 230 Discrete Structures	3
TOTAL	65	TOTAL	64

(prepared by A Ott 10/04)

QUEENSBOROUGH COMMUNITY COLLEGE		NEW YORK INSTITUTE OF TECHNOLOGY	
<i>Associate in Science Engineering Science</i>		<i>Bachelor of Science Mechanical Engineering</i>	
Course	Credit	Course	Credit
General education core requirements and pre- and co-requisites for the major:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
SP-211 Speech Communication	3	SPCH 105 Basic Speech Communication	3
History: HI-110, 111, or 112	3	History equivalent	3
Social Science, History or Humanities Elective – Restricted to Philosophy	3	Philosophy equivalent	3
Social Science Elective – Restricted to Psychology, Sociology, or Anthropology	3	Behavioral Science equivalent	3
HE-102 Health Education	2	Elective	2
MA-441 Analytic Geometry and Calculus I	4	MATH 170 Calculus I	4
MA-442 Analytic Geometry and Calculus II	4	MATH 180 Calculus II	4
MA-443 Analytic Geometry and Calculus III	4	MATH 260 Calculus III	4
MA-451 Differential Equations	4	MATH 320 Differential Equations + 1 Elective	4
CH-151 General Chemistry I	4.5	CHEM 107 Engineering Chemistry + .5 credit used for EENG 201	4
CH-152 General Chemistry II	4.5	Liberal Arts Elective + 1 credit used for PHYS 170 and 180 + .5 credit used for EENG 201	3
PH-411 Calculus Physics I	3.5	PHYS 170 General Physics I	4
PH-412 Calculus Physics II	3	PHYS 220 General Physics III	4
PH-413 Calculus Physics III	3.5	PHYS 180 General Physics II	4
PH-414 Analytical Mechanics (recommended)	4	MENG 211 Engineering Mechanics + 1 credit used for PHYS 220	3
Requirements related to the major:			
Restricted to:			
EE-204 Electric Circuits	3	EENG 201 Introduction to Electrical Engineering	4
EE-103 Computer-Aided Analysis for Electrical Engineers	2	MENG 105 Engineering Graphics	2
EE-101 Engineering Design I	1	MENG 483 Mechanical Engineering Workshop	1
TOTAL	65	TOTAL	65

(prepared by A Ott 10/04)

QUEENSBOROUGH COMMUNITY COLLEGE		NEW YORK INSTITUTE OF TECHNOLOGY	
<i>Associate in Applied Science Computer Engineering Technology</i>		<i>Bachelor of Technology Electrical Engineering Technology</i>	
Course	Credit	Course	Credit
General education core requirements:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
MA-114 College Algebra and Trigonometry for Technical Students	4	TMAT 135 Technical Mathematics I*	4
MA-128 Calculus for Technical and Business Students	4	TMAT 155 Technical Mathematics II	4
		MATH 161 Basic Applied Calculus and 1 credit used for TMAT 135	3
PH-201 General Physics I	4	PHYS 130 Introductory Physics	3
PH-202 General Physics II	4	PHYS 150 Introductory Physics II	3
Electives in Social Science/History - Restricted to: One course in Political Science/History (HI-100 series) <u>and</u> One course in Psychology, Sociology or Anthropology	3	History / Political Science equivalent <u>and</u> Behavioral Science equivalent	3
Requirements for the major:			
ET-110 Electric Circuit Analysis I	4	ETEC 110 Electrical Technology I	4
ET-140 Sinusoidal and Transient Circuit Analysis	3	ETEC 120 Electrical Technology II	4
ET-210 Electronics I	4	ETEC 131 Electronics Technology I	4
ET-220 Electronics II	4	ETEC 231 Electronics Technology II	4
ET-350 Computer Control Systems	4	ETEC 410 Control Systems Technology	4
ET-420 Computer Project Laboratory	1	Credit used for ETEC 120	-
ET-501 Computer Applications	1	Elective	1
ET-502 Introduction to Computer Programming	1	Elective	1
ET-503 Introduction to Assembly Language Programming	1	Credit used for TMAT 135	-
ET-504 Operating Systems and System Deployment	2	Credits used for TMAT 135	-
ET-540 Digital Computer Theory I	4	CTEC 215 Digital Computer Fundamentals	4
ET-560 Microprocessors and Microcomputers	4	CTEC 235 Microcomputers I	4
Electives:			
ET Electives – Restricted to: ET 505: Introduction to “C” Programming	4	CTEC 205 Computer Programming for Technology + 1 Elective Credit	4
TOTAL	65	TOTAL	63

*Student will be excused with credit for this course on the basis of satisfactorily completion of MA-114 and additional credits as noted.

(prepared by A Ott 10/04)

PLEASE NOTE: Equivalencies are under revision due to changes in NYIT degree requirements for this major.

QUEENSBOROUGH COMMUNITY COLLEGE

NEW YORK INSTITUTE OF TECHNOLOGY

Associate in Applied Science Electronic Engineering Technology

Bachelor of Technology Electrical Engineering Technology

Course	Credit	Course	Credit
General education core requirements:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
MA-114 College Algebra and Trigonometry for Technical Students	4	TMAT 135 Technical Mathematics I*	4
MA-128 Calculus for Technical and Business Students	4	TMAT 155 Technical Mathematics II	4
		MATH 161 Basic Applied Calculus and 1 credit used for TMAT 135	3
PH-201 General Physics I	4	PHYS 130 Introductory Physics + elective	4
PH-202 General Physics II	4	PHYS 150 Introductory Physics II + elective	4
Electives in Social Science/History - Restricted to: One course in Political Science/History (HI-100 series) <u>and</u> One course in Psychology, Sociology or Anthropology	3	History / Political Science equivalent	3
		<u>and</u> Behavioral Science equivalent	3
Requirements for the major:			
ET-110 Electric Circuit Analysis I	4	ETEC 110 Electrical Technology I	4
ET-140 Sinusoidal and Transient Circuit Analysis	3	ETEC 120 Electrical Technology II	4
ET-210 Electronics I	4	ETEC 131 Electronics Technology I	4
ET-220 Electronics II	4	ETEC 231 Electronics Technology II	4
ET-230 Telecommunications I	4	ETEC 310 Communications Circuits	4
ET-305 Transients and Electromechanical Transducers	2	Elective + One credit used for ETEC 120	1
ET-320 Electrical Control Systems	3	ETEC 410 Control Systems Technology	4
ET-410 Electronic Project Laboratory	1	Credit used for ETEC 410	-
ET-501 Computer Applications	1	Credit used for TMAT 135	-
ET-502 Introduction to Computer Programming	1	Credit used for TMAT 135	-
ET-510 Digital Computers	4	CTEC 215 Digital Computer Fundamentals	4
ET-515 Introduction to Microprocessors	1	Credit used for TMAT 135	-
Electives:			
ET Electives – Restricted to: ET 505: Introduction to “C” Programming	4	CTEC 205 Computer Programming for Technology	3
TOTAL	64	TOTAL	63

*Student will be excused with credit for this course on the basis of satisfactorily completion of MA-114 and additional credits as noted.

(prepared by A Ott 10/04)

PLEASE NOTE: Equivalencies are under revision due to changes in NYIT degree requirements for this major.

QUEENSBOROUGH COMMUNITY COLLEGE

NEW YORK INSTITUTE OF TECHNOLOGY

Associate in Applied Science Telecommunications Technology

Bachelor of Science Telecommunications Network Management

Course	Credit	Course	Credit
General education core requirements:			
EN-101 English Composition I	3	WRIT 101 College Composition I	3
EN-102 English Composition II	3	WRIT 151 College Composition II	3
MA-114 College Algebra and Trigonometry for Technical Students	4	TMAT 135 Technical Mathematics I*	4
MA-128 Calculus for Technical and Business Students	4	TMAT 155 Technical Mathematics II	4
PH-201 General Physics I	4	MATH 151 Fundamentals of Calculus and one credit used for TMAT 135	3
PH-202 General Physics II	4	PHYS 130 Introductory Physics + 1 Elective	4
Electives in Social Science/History - Restricted to: One course in Political Science/History (HI-100 series) <u>and</u> One course in Psychology, Sociology or Anthropology	3	3 Liberal Arts Electives + 1 Elective	4
		History / Political Science equivalent <u>and</u> Behavioral Science equivalent	3
			3
Requirements for the major:			
ET-110 Electric Circuit Analysis I	4	EETC 110 Electrical Technology I	4
ET-140 Sinusoidal and Transient Circuit Analysis	3	EETC 120 Electrical Technology II	4
ET-210 Electronics I	4	EETC 131 Electronics Technology I	4
ET-501 Computer Applications	1	Credit used for EETC 120	-
ET-502 Introduction to Computer Programming	1	Elective	1
ET-540 Digital Computer Theory I	4	CETC 215 Digital Computer Fundamentals	4
ET-560 Microprocessors and Microcomputers	4	1 Elective and 3 Credits used for TMAT 135	1
Telecommunications Core:			
ET-230 Telecommunications I	4	TELE 110 Telecomm Fundamentals**	3
ET-231 Telecommunications II	4	TELE 210 Data Networking Fundamentals**	3
ET-704 Networking Fundamentals (Cisco CCNA I)	4	TELE 220 Applied Telecommunications** + 1 Elective	4
ET-705 Networking Fundamentals (Cisco CCNA 2)	4	TELE 340 Advanced Topics in Telecomm**	3
		TELE 345 LAN and Internetworking**	3
TOTAL	65	TOTAL	65

*Student will be excused with credit for this course on the basis of satisfactorily completion of MA-114 and additional credits as noted.

**ET-230, 231, 704, and 705 must be successfully completed to grant credit for TELE 110, 210, 220, 340, and 345.

(prepared by A Ott 10/04)