

revised 2010-2011

**Spring
2011
Addendum**

UPDATES TO 2010-2011 COLLEGE CATALOG

The following changes pertain to incoming students for the spring 2010 semester. Continuing

Degree Requirement Changes / Additions:

DEGREE UPDATES CATALOG PAGE NUMBER

- A.A. Liberal Arts36
- A.S. Exercise Science/Personal Training47
- A.A.S. Fashion Design.....59
- Certificate in Alcoholism and Substance Abuse
 Counseling71
- Certificate in Culinary Arts.....71

Degree Requirement Corrections:

DEGREE UPDATES CATALOG PAGE NUMBER

- A.S. Chemical Dependency42
- A.S. Community Health.....43
- A.A.S. Nursing62
- A.A.S. Surgical Technology67
- Certificate in Aviation and Cruise Operations.....71
- Certificate in Hospitality and Meeting Planning 72
- Certificate in Marine Mechanic73

Changes in Pre-/Co-Requisites

- EXS 01000
- EXS 01100
- FD 09200
- POL 09300
- ST 00100
- ST 00200

New Course

- ENG 04800

A.A. LIBERAL ARTS

TOTAL CREDITS 60

Requirements for Matriculants

COLLEGE REQUIREMENTS

Passing scores on the CUNY/ACT in Reading and Writing and the COMPASS Math Skills Test or developmental courses may be required.

At least one (1) Writing Intensive course in any discipline is required. Such courses are designated "W." Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 01200	3 credits
ENG 02400	3
HE 01400.....	1

GENERAL EDUCATION REQUIREMENTS

All Liberal Arts students will be required to take a cornerstone seminar, "Introduction to the Liberal Arts" (LIB 00100), during their first 30 credits toward the degree.1 credit

During the last semester, Liberal Arts majors are required to complete a capstone course determined by the student's discipline of study or concentration/ option. These courses will be designated as capstone.

Capstone course3 credits

The courses completed in Groups A, B and C combined must total no less than 43–44 credits.

Group A: ARTS AND HUMANITIES — 15–18 credits

Art, Film and Media Studies, Music, Theatre,
Speech, Foreign Language, Literature, Philosophy
Art, Film and Media Studies, Music or Theatre Arts3 credits

Speech.....	3
Literature	3
Philosophy	3
Group A Elective(s)*	3–6

Group B: BEHAVIORAL AND SOCIAL SCIENCES — 15–18 credits

History, Economics, Political Science, Anthropology,
Psychology, Sociology
American Politics.....3 credits

American History	3
World History or Anthropology.....	3
Psychology	3
Sociology.....	3
Group B Elective*	0–3

See Online College Catalog or Department Website for specific course options

Group C: MATHEMATICS AND SCIENCES — 7–11 credits

Biology, Chemistry, Earth & Planetary Science,
Mathematics & Computer Science, Physics
Mathematics

Mathematics	3 or 4 credits
Science with laboratory	4
Group C Elective*	0 – 3

* Elective credits , including groups A, B, or C electives, provide

- International Trade: Trading Beyond Borders (ECO 02000)
- Introduction to Anthropology (ANT 03700)
(if not taken above)
- Introduction to Sociology (SOC 03100)
(if not taken above)
- Comparative Government (POL 05200)
- The Politics of Economics: Intro to Political Economy (POL 05700)
- Environmental Politics (POL 05800)

Group C:

A.S. CHEMICAL DEPENDENCY

TOTAL CREDITS: 60

Requirements for Matriculants

COLLEGE REQUIREMENTS

Successful completion of CUNY/ACT Tests in Reading and Writing and the COMPASS Math Skills Test with passing examination scores or developmental courses may be required.

One (1) Writing Intensive course in any discipline from any category below is required. Such courses are designated "W".
Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 01200	3 credits
ENG 02400	3
HE 01400	1

DEPARTMENT REQUIREMENTS§

Introduction to Substance Abuse Counseling (SAC 02000)	3 credits
Basic Techniques in Substance Abuse Counseling I (SAC 02200)	3
Basic Techniques in Substance Abuse Counseling II (SAC 02400)	3
Ethics, Confidentiality, & Counselor/Client Relationship (SAC 02600)	3
Treatment Approaches in Substance Abuse (SAC 02800)	3
Supervised Instructional Experience in Substance Abuse Counseling (SAC 091A0/B).....	7

GENERAL EDUCATION REQUIREMENTS

Group A: ARTS AND HUMANITIES.....3 credits
Art - Foreign Language - Literature - Film and Media Studies - Music - Philosophy - Speech - Theatre Arts
Excluded are Art Studio, Music Studio, Theatre Production & Technique Courses

Group B: BEHAVIORAL AND SOCIAL SCIENCES
General Psychology (PSY 01100).....3 credits
Human Growth and Development (PSY 03200).....3
Abnormal Psychology (PSY 03600)

Introduction to Sociology (SOC 03100)

Select one course from:

Economics - History - Political Science

Group C: MATHEMATICS AND SCIENCES.....7 - 8 credits

One Mathematics course

One Laboratory Science course selected from:

Biology – Chemistry – Earth & Planetary Science – Physics

*ELECTIVES: 6 credits sufficient to meet required total of 60 credits

* The following course is recommended for the purpose of earning OASAS credential in: Compulsive Gambling:
Treatment and Prevention (SAC 03000)

- This program is within the Behavioral Sciences and Human Services Department.

§ Consultation with the Department Advisor is required.

A.S. COMMUNITY HEALTH€

TOTAL CREDITS: 60

Requirements for Matriculants

A.S. EXERCISE SCIENCE / PERSONAL TRAINING

TOTAL CREDITS: 60

Requirements for Matriculants

COLLEGE REQUIREMENTS

Successful completion of COMPASS Math Skills Test and the CUNY ACT in Reading and Writing with passing scores or, developmental courses may be required.

One (1) Writing Intensive course in any discipline from any category below is required. Such courses are designated "W". Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 01200	3 credits
ENG 02400	3
HE 01400	1

DEPARTMENT REQUIREMENTS §

Introduction to Personal Training (EXS 00900)	3 credits
Kinesiology of Exercise (EXS 01000)	3
Physiology of Exercise (EXS 01100)	3
Health Risk Appraisal (EXS 01200)	3
Fitness Assessment and Program Design (EXS 01300)	3
Muscular Fitness Training Techniques (EXS 01500)	3
Field Experience in Exercise Science (EXS 091X6)	3
First Aid and Personal Safety (HE 03500)	2

A.A.S. FASHION DESIGN

TOTAL CREDITS: 60

Requirements for Matriculants

COLLEGE REQUIREMENTS

Successful completion of CUNY/ACT Tests in Reading and Writing and the COMPASS Math Skills Test with passing examination scores or developmental courses may be required.

One (1) Writing Intensive course in any discipline from any category below is required. Such courses are designated "W". Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 01200	3 credits
ENG 02400	3
HE 01400	1

DEPARTMENT REQUIREMENTS

Fashion Sketching I (FD 01100)	3 credits
Fashion Sketching II (FD 01200)	3
Computerized Fashion Design (FD 01300)	3
Garment Construction (FD 01400)	3
Fashion Design I (FD 02100)	3
Fashion Design II (FD 02200)	3
Design Trends and Aesthetics (FD 02300).....	3
Field Experience in Fashion Design (FD 09200)*	3
or Independent Study in Fashion Design (FD 08100)*	3
Elements of Retail Management (RM 03100)	3
Textile and Non-textile Analysis (FM 03500)	3
Visual Merchandising and Display (FM 03600)	3
Introduction to Computer Concepts (BA 06000)	3

GENERAL EDUCATION REQUIREMENTS — 16-17 credits

Nine (9) credits from Groups A and B (a minimum of three (3) credits from each group plus three (3) more credits in another discipline from either Group A or B) plus seven (7) or (8) credits from Group C.

Group A: ARTS AND HUMANITIES3 - 6 credits

Art - Foreign Language - Literature – Film and Media Studies –
Music - Philosophy - Speech - Theatre Arts
Excluded are Art studio, Music studio, Theatre production
& skills courses

Group B:

A.A.S. NURSING

TOTAL CREDITS 66-67

Requirements for Matriculants

COLLEGE REQUIREMENTS

Passing scores on the CUNY/ACT in Reading and Writing and the COMPASS Math Skills Test or developmental courses may be required.

ENG 012003 credits
ENG 024003

If required:

ENG 00400, 09100, 09200 &/or 093000
MAT 0M100 & 0M200 or MAT 0R300 proficiency0

Starting in the fall 2009 semester, in order to advance into nursing clinicals, students must provide documentation for one of the following categories:

- 1) U.S. Citizenship
- 2) Permanent Residency
- 3) International Student with F1 Status
- 4) Granted Asylum, Refugee Status, Temporary Protected Status, Withholding of Removal, Deferred Enforced Departure; or Deferred Action Status by the U.S. government

DEPARTMENT REQUIREMENTS §

Students in the Nursing Program must complete the five semester-sequences as specified below:

FIRST SEMESTER (Pre-Clinical Component)

Applied Physical Sciences for Allied Health Careers (SCI 02500)3 credits
General Psychology (PSY 01100)3
Human Anatomy and Physiology (BIO 01100)
NOTE: Prerequisite REQUIRED.....4
Freshman English I (ENG 01200)3

SECOND SEMESTER (Clinical Component)

Human Anatomy and Physiology II (BIO 01200)4
Human Growth and Development (PSY 03200)3
Drug Calculations in Nursing (NUR 01700).....1
Fundamentals of Nursing (NUR 01800)7

THIRD SEMESTER

Microbiology in Health and Disease (BIO 05100)4
Nursing the III Adult I (NUR 02100)9

FOURTH SEMESTER

Freshman English II (ENG 02400)3
Nursing the Emotionally III (NUR 02000).....4
Nursing the III Adult II (NUR 02200)5

FIFTH SEMESTER

Introduction to Sociology (SOC 03100)3
Family-Centered Maternity Nursing (NUR 01900)4
Nursing of Children (NUR 02300).....5
Issues in Nursing (NUR 02400)1

Students requiring remediation based upon College placement test scores may be required to take any or all of the following prior to taking the Pre-Clinical Sequence: Developmental Math (0M100 and 0M200, or MAT 0R200); English Skills (ENG 00400, 09100, 09200 &/or 09300); Preparatory Biology (BIO 01000).

ELECTIVES: Sufficient to meet required total of 66-67 credits

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A.A.S. SURGICAL TECHNOLOGY

TOTAL CREDITS: 64

Requirements for Matriculants

COLLEGE REQUIREMENTS

Successful completion of CUNY/ACT Tests in Reading and Writing and the COMPASS Math Skills Test with passing examination scores or developmental courses may be required.

One (1) Writing Intensive course in any discipline from any category below is required. Such courses are designated "W." Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 012003 credits
 ENG 024003

DEPARTMENT REQUIREMENTS §

Surgical Pharmacology (ST 04500)3
 Surgical Technology I (ST 00100).....3
 Surgical Technology II (ST 00200).....2
 Surgical Technology III (ST 00300).....4
 Practicum I (ST 03P00).....2
 Surgical Procedures (ST 00400).....3
 Practicum II (ST 04P00).....3
 Advanced Surgical Procedures (ST 00500).....4
 Practicum III (ST 05P00).....3
 Professional Strategies for the Surgical Technologist
 (ST 00600)2
 Practicum IV (ST 06P00)3

GENERAL EDUCATION REQUIREMENTS

Group A: ARTS AND HUMANITIES

Ethics and Morality in the Health Professions
 (PHI 07600)3 credits

Group B: BEHAVIORAL AND SOCIAL SCIENCES6 credits

Anthropology – Economics - History – Political Science -
 Psychology – Sociology

Group C: MATHEMATICS AND SCIENCES

Principles of Mathematics (MAT 00700)4 credits
 Human Anatomy and Physiology I and II (BIO 01100
 and 01200)8
 Microbiology of Health and Disease (BIO 05100).....4

ELECTIVE: One (1) credit sufficient to meet required total of
 64 credits

- This program is within the Nursing Department
- § Consultation with the Department Advisor is required.

CERTIFICATE IN ALCOHOLISM AND SUBSTANCE ABUSE COUNSELING

TOTAL CREDITS: 25

Requirements for Matriculants

COLLEGE REQUIREMENTS

Passing scores on the CUNY ACT Reading, Writing and Mathematics Exams or developmental courses will be required.

ENG 012003 credits

CERTIFICATE REQUIREMENTS §

Introduction to Alcoholism and Substance Abuse Counseling
 (SAC 02000)3 credits
 Counseling Techniques in the Substance Abuse Field I
 (SAC 02200)3
 Counseling Techniques in the Substance Abuse Field II
 (SAC 02400)3
 Confidentiality, Ethics, & the Counselor/Client Relationship
 (SAC 02600)3
 Approaches to Treatment Varieties of Alcohol & Substance
 Abuse Internship (SAC 02800)

CERTIFICATE IN CULINARY ARTS

TOTAL CREDITS: 28

Requirements for Matriculants

COLLEGE REQUIREMENTS

Passing scores on the CUNY ACT Reading, Writing and Mathematics Exams or developmental courses will be required.

CERTIFICATE REQUIREMENTS

Introduction to Professional Foodservice (TAH 07100) ...3 credits	
Culinary Arts I: Skills (CA 00100).....	3
Culinary Arts II: Major Techniques (CA 00200).....	3
Baking and Pastry (CA 01100).....	3
Food Safety and Sanitation Certification (CA 02100).....	1
Garde Manger and Charcuterie (CA 00300)	
or Patisserie (CA 01200).....	3
Restaurant Operations (TAH 07200)	
or Menu and Dining Room Management (TAH 07400)	3
Food and Beverage Cost Control (CA 05000)	
or Beverage Management (CA 06000).....	3
Global Improvisation Capstone (CA 09000).....	3
Internship in Culinary Arts (CA 09200).....	3

- This program is within the Department of Tourism and Hospitality.
- * Includes National Restaurant Association Pro/Management Certification.

CERTIFICATE IN HOSPITALITY AND MEETING PLANNING

TOTAL CREDITS: 16

Requirements for Matriculants

COLLEGE REQUIREMENTS

Passing scores on the CUNY ACT Reading, Writing and Mathematics Exams or developmental courses will be required.

CERTIFICATE REQUIREMENTS §

Tourism Entrepreneurship (TAH 01200)	3 credits
Front Office Operations (TAH 02200).....	3
Introduction to Meeting Planning (TAH 04100).....	3
The Virtual Enterprise (TAH 09096).....	3
Professional Portfolio (TAH 09160)	1
Field Experience in Tourism and Hospitality (TAH 09250)	3

- Courses will be offered at Lehman College's CUNY on the Concourse campus through Kingsborough Community College's Center for Economic & Workforce Development Office, 718 368-5582.

§ Consultation with the Department Advisor is required.

CERTIFICATE IN MARINE MECHANIC

TOTAL CREDITS: 24

Requirements for Matriculants

COLLEGE REQUIREMENTS

Passing scores on the CUNY ACT Reading, Writing and Mathematics Exams or developmental courses will be required.

CERTIFICATE REQUIREMENTS

Marine Operations (MT 04300).....	3 credits
Introduction to Outboard Motors (MT 05000)	2
Introduction to Diesel Engines (MT 05100)	2
Welding (MT 05200)	2
Fiberglass and Hydraulic Repairs (MT 05300)	2
Low Voltage Electrical Systems (MT 05400).....	2
Marine Electronics (MT 05500)	2
Advanced Outboards (MT 05600).....	3
Vessel Systems (MT 05700)	3
Advanced Welding (MT 05800).....	3

COURSE CHANGES

CHANGES IN PRE-/CO-REQUISITES

EXS 01000 ... KINESIOLOGY OF EXERCISE (3 crs. 3 hrs.)
Mechanical principles of human motion; macroscopic analysis of bones and muscles; joint leverage and limitations; types of muscular contractions and the relationship of muscular efficiency to posture; analysis of motor activities.
Pre-requisite: BIO 001100

EXS 01100 ... PHYSIOLOGY OF EXERCISE (3 crs. 3 hrs.)
The effects of exercise on human body; the foundation of exercise physiology and the application of the physiological principles which govern the science of sport and exercise. Emphasis is on how the cardiovascular and pulmonary systems work with the muscular system and the development of safe and productive physical training programs.
Pre-requisite: BIO 001100

FD 09200 ... FIELD EXPERIENCE IN FASHION DESIGN
(1 class hour, 8 internship hours -minimum)
Supervised field experience in fashion design, plus one hour a week devoted to seminar discussion of relevant field experience, is required. All students must have an internship as an assistant designer.
Pre-Co-requisite: Open only to select Fashion Design majors with a GPA of 3.0 or higher.

POL 09300 ... CIVIC ENGAGEMENT IN A GLOBALIZED WORLD (3 crs. 3 hrs.)
Introduction to contemporary global politics and a capstone course for the A.A. in Liberal Arts' Global Environment Studies Option. Survey of topics including, war, terrorism, security, poverty, the environment, human rights, international organizations, gender issues, inequality, the global economy and international law. Additional time is required for internship in an organization working on global and environmental issues. Course fulfills Group III or Group B General Education Requirements.
Pre-requisite: Open only to Liberal Arts majors who have completed LIB 00100 and accumulated 45 or more credits

ST 00100 - SURGICAL TECHNOLOGY I
(3 credits, 3 hours)
Comprehensive study of the operative environment, professional roles, communications techniques and ethical responsibilities.
Corequisite: ST 00200
Pre-requisites: BIO 01100, ENG 01200

ST 00200 - SURGICAL TECHNOLOGY II
(2 credits, 6 hours (2 lecture, 4 lab))
Provides theoretical knowledge for the application of essential skills during the perioperative phase of patient care. It introduces the student to the practice of surgical technology with a focus on those skills necessary for function in the scrub role.
Corequisite: ST 00100
Pre-requisites: BIO 01100, ENG 01200

NEW COURSES

ENG 04800 ... AMERICAN ENVIRONMENTAL LITERATURE
(3 crs. 3 hrs.)
A survey of American nature writing and environmental literature from its roots in the colonial era through its flowering in the twentieth century. Examples of reading include Thoreau's Walden, Aldo Leopold's Sand County Almanac, and Rachel Carson's Silent Song and a representative range of shorter works from four centuries to explore the evolution of ideas about nature. Selections include natural histories, travelogues, journals and diaries, essays, poetry, and short stories.
Prerequisite: ENG 01200