

PROGRAMS

ALL PROGRAMS

ACCOUNTING A.A.S.

Accounting (Major) Business (Department)

The A.A.S. in Accounting program introduces students to the accounting profession, preparing them for entry-level positions as junior accountants in business, industry, or government. The program includes training in computer-based accounting software and systems current in the accounting profession.

Requirements

Accounting AAS General Educ Requirements

Complete the following groups: **COMPLETE ENG-101 and ENG-102**

- ENG-101 College Composition I
- ENG-102 College Composition II

Complete the following course:

- MAT-114 Introduction Probabilities and Statistics

COMPLETE THE FOLLOWING: **ENG-112 and CSC-100**

- ENG-112 Speech
- CSC-100 Intro to Computers and Computing

Complete the following groups: **ONE DIVERSITY ELECTIVE**

Complete 1 Humanities or Social Science Elective.

Accounting AAS Major Requirements

Complete the following:

- CSS-100 College Student Success

Complete the following group: **Required Courses**

- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- ACC-240 Intermediate Accounting I
- ACC-241 Intermediate Accounting II
- ACC-211 Computerized Accounting
- ACC-224 Federal Taxation
- MAT-103 Business Mathematics
- BUS-230 Business Law
- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics
- MAN-121 Principles of Management
- MAN-221 Marketing

ACCOUNTING A.S.

Accounting (Major) Business (Department)

The two-year transfer-oriented A.S. in Accounting Program provides the first step towards professional licensure and certification in both public and private sector accounting. The program is designed for students seeking a four-year Accounting degree that meets eligibility requirements for the CPA or CMA exam. The degree also provides a solid background for junior-level entry into the accounting workplace. This curriculum includes training in computer-based accounting software and systems current in the accounting profession.

Requirements

Accounting AS General Educ Requirements

Complete the following groups: **COMPLETE ENG-101**

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following groups: **COMPLETE CSC-100**

- CSC-100 Intro to Computers and Computing

COMPLETE MAT-100

- MAT-100 College Algebra

COMPLETE 1 SCIENCE COURSE FROM; BIO-100, BIO-120, CHP-100, ENV-110 or SCI-101

- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science

COMPLETE ECO-201.

- ECO-201 Principles of Macroeconomics

Complete the following groups: **COMPLETE ENG-112 and MAT-114**

- ENG-112 Speech
- MAT-114 Introduction Probabilities and Statistics

Complete the following groups: **ONE HUMANITIES ELECTIVE**

1 HUMANITIES/SOCIAL SCIENCE/DIVERSITY ELECTIVE

Accounting AS Major Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following groups: **Required Courses**

- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- ACC-211 Computerized Accounting
- ACC-240 Intermediate Accounting I
- ACC-241 Intermediate Accounting II
- MAN-121 Principles of Management
- BUS-230 Business Law
- ECO-202 Principles of Microeconomics

COMPLETE MAN-221 or ACC-224

- MAN-221 Marketing
- ACC-224 Federal Taxation

ACCOUNTING, CERTIFICATE

Accounting (Major) Business (Department)

The Certificate in Accounting program prepares graduates already in the field of accounting along with new accounting students with the minimal accounting job skills required for employment. Potential careers include positions in accounting, bookkeeping, financial analysis, tax preparation, and payroll accounting.

Requirements

Accounting Certificate Gen Ed Requirements

Complete ENG-101 and MAT-114.

- ENG-101 College Composition I
- MAT-114 Introduction Probabilities and Statistics

Major Required Courses Accounting Cert

COMPLETE: ACC-121 ACC-211 ACC-221 ACC-224 ACC-240 BUS-230 CSC-100 MAN-121.

- ACC-121 Principles of Accounting I
- ACC-211 Computerized Accounting
- ACC-221 Principles of Accounting II
- ACC-224 Federal Taxation
- ACC-240 Intermediate Accounting I
- BUS-230 Business Law
- CSC-100 Intro to Computers and Computing
- MAN-121 Principles of Management

ACCOUNTING - FULLY ONLINE A.S.

Accounting (Major) Business (Department)

The two-year transfer-oriented A.S. in Accounting Program provides the first step towards professional licensure and certification in both public and private sector accounting. The program is designed for students seeking a four-year Accounting degree that meets eligibility requirements for the CPA or CMA exam. The degree also provides a solid background for junior-level entry into the accounting workplace. This curriculum includes training in computer-based accounting software and systems currently in the accounting profession.

Requirements

Accounting AS General Educ Requirements

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following groups:

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

COMPLETE MAT-100

- MAT-100 College Algebra

COMPLETE 1 SCIENCE COURSE FROM: BIO-100, BIO-120, CHP-100, ENV-110 or SCI-101

- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science

COMPLETE ECO-201.

- ECO-201 Principles of Macroeconomics

Complete the following groups:

COMPLETE ENG-112 and MAT-114

- ENG-112 Speech
- MAT-114 Introduction Probabilities and Statistics

Complete the following groups:

ONE HUMANITIES ELECTIVE

1 HUMANITIES/SOCIAL SCIENCE/DIVERSITY ELECTIVE

Accounting AS Major Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following groups:

Required Courses

- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- ACC-211 Computerized Accounting
- ACC-240 Intermediate Accounting I
- ACC-241 Intermediate Accounting II
- MAN-121 Principles of Management
- BUS-230 Business Law
- ECO-202 Principles of Microeconomics

COMPLETE MAN-221 or ACC-224

- MAN-221 Marketing
- ACC-224 Federal Taxation

ACCOUNTING FULLY ONLINE CERTIFICATE

Accounting (Major) Business (Department)

The Certificate in Accounting program prepares graduates already in the field of accounting along with new accounting students with the minimal accounting job skills required for employment. Potential careers include positions in accounting, bookkeeping, financial analysis, tax preparation, and payroll accounting.

Requirements

Accounting Certificate Gen Ed Requirements

Complete ENG-101 and MAT-114.

- ENG-101 College Composition I
- MAT-114 Introduction Probabilities and Statistics

Major Required Courses Accounting Cert

COMPLETE: ACC-121 ACC-211 ACC-221 ACC-224 ACC-240 BUS-230 CSC-100 MAN-121.

- ACC-121 Principles of Accounting I
- ACC-211 Computerized Accounting
- ACC-221 Principles of Accounting II
- ACC-224 Federal Taxation
- ACC-240 Intermediate Accounting I
- BUS-230 Business Law
- CSC-100 Intro to Computers and Computing
- MAN-121 Principles of Management

ADDICTIONS COUNSELING PROFICIENCY CERTIFICATE

Human Services Addiction Couns (Major) Hum/Soc (Department)

The Proficiency Certificate in Addictions Counseling provides students with the educational requirements needed to become a Certified Alcohol and Drug Counselor (CADC) in the state of New Jersey. Through its curricular structure, the program provides students with the competencies needed to fulfill the educational requirements to become a Certified Alcohol and Drug Counselor. Domains of competencies include Assessment, Counseling, Case Management, Client Education, and Professional Responsibility. Students develop an understanding of addiction. Students gain knowledge in the fundamental effects of addiction on the abuser and families as well as the biopsychosocial impacts of use. Students learn various counseling skills and then demonstrate these skills

during fieldwork. Upon completion of this program, graduates have fulfilled the educational requirements to become a Certified Alcohol and Drug Counselor. Graduates will still need to fulfill externally the 3,000 hours of required related work experience for the certification. Graduates are able to obtain employment in the field.

Requirements

ADC.PROF

COMPLETE THE FOLLOWING COURSES:

- HUS-123 Introduction to Addictions
- HUS-133 Counseling Theory and Techniques
- HUS-143 Addictions Counseling
- HUS-153 Recovery in Addictions
- HUS-163 Assm and Treatment in Addictions

ADVANCED MANUFACTURING AAS

Advanced Manufacturing (Major) STEM (Department)

The Associate in Applied Science degree in Advanced Manufacturing provides students with the knowledge and skills relevant for entry-level employment in the manufacturing industry. Required courses introduce students to many facets of manufacturing including metal and wood fabrication, polymer processing, Computer-Aided Design and Computer-Aided Manufacturing (CAD/CAM), Computer Numeric Control (CNC), machine and tooling design, automation and Controls, Robotics, and Quality Control.

Requirements

Advanced Manufacturing AAS General Educ Requ

Complete CSS-100.

- CSS-100 College Student Success

Complete the following groups:

- ENG-101 College Composition I
- ENG-112 Speech

Complete the following requirements:

- MAT-100 College Algebra

TAKE 1 LAB SCIENCE ELECTIVE

Complete 1 Humanities of Social Science Elective.
Complete CHP-111.

- CHP-111 College Chemistry I

Advanced Manufacturing AAS Major Requirements

Complete the following requirements:

- ENG-103 Technical Report Writing
- ENG-211 Business Communications
- CSC-118 Python Programming
- ADM-120 Manufacturing Processes
- ADM-201 Materials Science
- ADM-230 Plastic Manufacturing
- ADM-231 Computer Numeric Control
- ADM-241 Manufacturing Design
- SCM-101 Supply Chain Management Principles
- ADM-240 Robotics

COMPLETE ADM-232 CREDITS MAJOR RESTRICTED ELECTIVES

- ADM-232 Welding

ADVANCED MANUFACTURING (ADM) WOODWORK OPTION, AAS

Woodwork (Major) STEM (Department)

The Associate in Applied Science degree in Advanced Manufacturing Woodwork Option provides students with the knowledge and skills required for entry-level employment in the wood manufacturing industry. Required courses introduce students to many facets of manufacturing wood fabrication and design, Computer-Aided Design and Computer-Aided Manufacturing (CAD/CAM), Computer Numeric Control (CNC), machine and tooling design, automation, and Controls, Robotics, and Quality Control.

Requirements

Advanced Manufacturing AAS General Educ Requ

Complete CSS-100.

- CSS-100 College Student Success

Complete the following groups:

- ENG-101 College Composition I
- ENG-112 Speech

Complete the following requirements:

- MAT-100 College Algebra

Complete 1 Humanities of Social Science Elective.
Complete the following courses:

- CHP-111 College Chemistry I

TAKE ONE SCIENCE LAB ELECTIVE, 4 CREDITS

Advanced Manufacturing AAS Major Requirements

Complete the following courses:

- ENG-103 Technical Report Writing
- ENG-211 Business Communications
- EGS-101 Engineering Graphics
- CSC-118 Python Programming
- ADM-185 Fund. Architectural Manufacturing
- ADM-201 Materials Science
- ADM-241 Manufacturing Design
- ADM-182 Wood Science
- ADM-256 CNC for Woodworking
- ADM-282 Machine Processes Architectural Woodwork
- SCM-101 Supply Chain Management Principles

TAKE ADM-232

- ADM-232 Welding

TAKE 3 CREDITS SCIENCE ELECTIVES

- ENV-110 Introduction to Environmental Studies
- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- SCI-101 Introduction to Physical Science
- CHP-100 Introduction to Chemistry

BIOLOGY (SCIENCE AND MATHEMATICS) A.S.

Biology (Major) Science (Department)

The Science and Mathematics Program with Biology option is designed for students who wish to complete a bachelor's degree or higher in a science. It permits students to tailor a program to suit their individual goals. Students who have not decided on a field of specialization may explore various biological sciences.

Others who intend to transfer into specialized programs such as pre-medicine, pre-dentistry, pharmacy, chiropractic, physical therapy or other allied health fields can begin with this program.

Requirements

Biology AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II
- CHP-111 College Chemistry I
- PHY-113 Physics I

COMPLETE MAT-110 or MAT-111

- MAT-110 Precalculus
- MAT-111 Calculus I

Complete the following Social Science courses:

- SOC-101 Introduction to Sociology
- PSY-101 Introduction to Psychology

Complete Humanities requirement.

- HUM-101 Cultures and Values

Biology AS Major Requirements

Complete the following courses:

- BIO-115 Principles of Biology I
- BIO-116 Principles of Biology II
- BIO-230 Histology
- BIO-270 Cell Biology
- CHP-211 College Chemistry II

COMPLETE 4 CR. FROM APPROVED SCIENCE/MAT ELECTIVE COURSE:

BIO-270 BIO-208 BIO-250 BTN-201 BIO-260 MAT-111 MAT-112

- BIO-270 Cell Biology
- BIO-208 Ecology
- BIO-250 Microbiology
- BTN-201 Molecular Biology
- BIO-260 Molecular Biology
- MAT-111 Calculus I
- MAT-112 Calculus II

- CSS-100 College Student Success

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Social Science Requirements.

- PSY-101 Introduction to Psychology
- SOC-101 Introduction to Sociology

Complete the following courses:

TAKE MAT-110 or MAT-111;

- MAT-110 Precalculus
- MAT-111 Calculus I

- CHP-111 College Chemistry I
- CHP-211 College Chemistry II
- BIO-115 Principles of Biology I
- PHY-113 Physics I

Complete 1 Diversity Elective:

- HUM-101 Cultures and Values

Biotechnology AS Major Requirements

Complete the following courses:

- BIO-116 Principles of Biology II
- BIO-270 Cell Biology
- BIO-260 Molecular Biology
- CHP-225 Organic Chemistry I
- CHP-230 Organic Chemistry II

Complete 1 Restricted Elective: BIO-230 BIO-240 BIO-111 BIO-211 BIO-208 BIO-250 MAT-111 or MAT-112.

- BIO-230 Histology
- BIO-240 Genetics
- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II
- BIO-208 Ecology
- BIO-250 Microbiology
- MAT-111 Calculus I
- MAT-112 Calculus II

BRIDGE PROGRAM HIGH SCHOOL NON-DEGREE

(Major)

Non Degree (Department)

BIOTECHNOLOGY (SCIENCE AND BUSINESS ADMINISTRATION A.S. MATHEMATICS) A.S.

Biotechnology (Major) Science (Department)

The biotechnology curriculum will provide students a robust foundation in biology, chemistry, mathematics in order to transfer to and succeed in four-year institutions. Students will be familiar with various bio-techniques, bioinstrumentation as well as bioinformatics, microbiology, molecular biology, and cell biology. Students will also gain necessary laboratory skills for entry level in Biotechnology industry.

Requirements

Biotechnology AS General Educ Requirements

Complete CSS-100

Business (Major)

Business (Department)

HCCC's Associate in Science in Business Administration prepares graduates for a seamless transfer to a senior institution to complete a baccalaureate degree in business-related fields. Graduates of this degree are also qualified for entry-level administrative and management positions. The program provides business knowledge and skills as the foundation for more specialized and/or advanced study. The curriculum includes communication skills, accounting, economics, finance, marketing, business management and electives that prepare students for specialized and advanced courses.

Requirements

Business Administration AS General Ed Requirement

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Complete MAT-110 or MAT-116:

- MAT-110 Precalculus
- MAT-116 Pre-Calculus for Business

Complete the following courses:

Complete CSC-100

- CSC-100 Intro to Computers and Computing

1 LAB Science Elective - 4 credits

Complete the following courses:

- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics

Complete the following requirements:

COMPLETE 1 DIVERSITY ELECTIVE

COMPLETE ENG-112

- ENG-112 Speech

Complete 1 Humanities Elective:

Business Administration AS Major Requirements

COMPLETE CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- BUS-103 Introduction to Business
- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- BUS-230 Business Law
- MAN-121 Principles of Management
- MAT-114 Introduction Probabilities and Statistics
- ENG-211 Business Communications

TAKE MAN-221 or HMT-202

- MAN-221 Marketing
- HMT-202 Innovation, Creativity and Marketing

Complete 1 Restricted Program Electives: HMT-111, ACC-211, BUS-205, BUS-299 CAI-206 or SCM-101.

- HMT-111 Introduction to Entrepreneurship
- ACC-211 Computerized Accounting
- BUS-205 Global Business
- BUS-299 Business Internship
- CAI-206 Introduction to Sustainability
- SCM-101 Supply Chain Management Principles

BUSINESS ADMINISTRATION - CANNABIS STUDIES OPTION, AS

Cannabis, Business (Major) Business (Department)

HCCC's Associate in Science in Business Administration - Cannabis Studies prepares graduates for entry-level administrative and supervisory positions in the cannabis business field. Graduates of this AS Degree are prepared for employment in cannabis cultivation, manufacturing, delivery, wholesale, and retail. The program provides business knowledge and skills as the foundation for more specialized and/or advanced study. The curriculum includes communication skills, accounting, economics, finance, marketing,

business management, and electives that prepare students for specialized and advanced courses. The AS Business Administration - Cannabis Studies Option program provides students with the skills to secure a leadership position in the cannabis business field.

Requirements

Cannabis AS General Ed Requirement

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Complete MAT-110 or MAT-116:

- MAT-110 Precalculus
- MAT-116 Pre-Calculus for Business

Complete the following courses:

Complete CSC-100

- CSC-100 Intro to Computers and Computing

1 LAB Science Elective - 4 credits

Complete the following courses:

- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics

Complete the following requirements:

COMPLETE 1 DIVERSITY ELECTIVE

COMPLETE ENG-112

- ENG-112 Speech

Complete 1 Humanities Elective:

Cannabis AS Major Requirements

COMPLETE CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- ACC-121 Principles of Accounting I
- BUS-230 Business Law
- MAN-121 Principles of Management
- ENG-211 Business Communications
- CAN-101 Cannabis Compliance
- CAN-121 Justice in Cannabis
- CAN-201 Cannabis Health and Safety
- CAN-221 Cannasseur Level I
- BUS-299 Business Internship

BUSINESS ADMINISTRATION - FULLY ONLINE A.S.

Business (Major) Business (Department)

HCCC's Associate in Science in Business Administration prepares graduates for a seamless transfer to a senior institution to complete a baccalaureate degree in business-related fields. Graduates of this degree are also qualified for entry-level administrative and management positions. The program provides business knowledge and skills as the foundation for more specialized and/or advanced study. The curriculum includes communication skills, accounting, economics, finance, marketing, business management and electives that prepare students for specialized and advanced courses.

Requirements

Business Administration AS General Ed Requirement

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Complete MAT-110 or MAT-116:

- MAT-110 Precalculus
- MAT-116 Pre-Calculus for Business

Complete the following courses:

Complete CSC-100

- CSC-100 Intro to Computers and Computing

1 LAB Science Elective - 4 credits

Complete the following courses:

- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics

Complete the following requirements:

COMPLETE 1 DIVERSITY ELECTIVE

COMPLETE ENG-112

- ENG-112 Speech

Complete 1 Humanities Elective:

Business Administration AS Major Requirements

COMPLETE CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- BUS-103 Introduction to Business
- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- BUS-230 Business Law
- MAN-121 Principles of Management
- MAT-114 Introduction Probabilities and Statistics
- ENG-211 Business Communications

TAKE MAN-221 or HMT-202

- MAN-221 Marketing
- HMT-202 Innovation, Creativity and Marketing

Complete 1 Restricted Program Electives: HMT-111, ACC-211, BUS-205, BUS-299 CAI-206 or SCM-101.

- HMT-111 Introduction to Entrepreneurship
- ACC-211 Computerized Accounting
- BUS-205 Global Business
- BUS-299 Business Internship
- CAI-206 Introduction to Sustainability
- SCM-101 Supply Chain Management Principles

CULINARY BUSINESS INNOVATION, CERTIFICATE

Culinary Business Innovation (Major) Culinary Arts (Department)

The Academic Certificate in Culinary Business Innovation provides a career-oriented curriculum designed to develop skills beyond a proficiency level. This Certificate is designed for individuals currently preparing foods for sale from a residence or commercial kitchen. It is also for those who may have been recently employed in the foodservice industry. This two-semester Certificate will increase students' access to employment opportunities. Students will learn how to advance an employer's business or create their own entrepreneurial venture within the industry. Students will also learn how to respond to a changing industry climate. Upon successful completion, students will be professionally certified with Servsafe Food Manager Certification to further enhance their employment opportunities.

Requirements

Culinary Business Innovation Gen Ed Requirements

Complete the following requirements:

- ENG-101 College Composition I

COMPLETE ENG-102 or ENG-103 or ENG-115 or ENG-211

- ENG-102 College Composition II
- ENG-103 Technical Report Writing
- ENG-115 Writing for Emerging Media
- ENG-211 Business Communications

Major Requirements Business Innovation

Complete the following requirements:

TAKE MAT-103 or ACC-121;

- MAT-103 Business Mathematics
- ACC-121 Principles of Accounting I

TAKE CAI-115 or HMT-204 or HMT-116

- CAI-115 Food Sanitation and Culinary Principles
- HMT-204 Fundamentals of Wine and Food
- HMT-116 Restaurant Operations Management I

COMPLETE THE FOLLOWING COURSES:

- HMT-104 Culinary for Hospitality
- HMT-111 Introduction to Entrepreneurship
- CAI-223 Food, Beverage, and Labor Cost Control
- HMT-202 Innovation, Creativity and Marketing
- HMT-210 Hospitality and Travel Law
- ENG-112 Speech

BUSINESS (LIBERAL ARTS) A.A.

Business (Major)

Business (Department)

HCCC's Associate in Arts Liberal Arts Business degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in business or related subjects. The Liberal Arts Business program allows many options when choosing courses; students should plan carefully for the future by researching the degree requirements of four-year institutions which interest them.

Requirements

Business AA General Educ Requirements

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete the following groups:

COMPLETE 1 COURSE FROM: MAT-100, MAT-114, MAT-123 BIO-100, BIO-120, CHP-100, ENV-110, or SCI-101

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science

- CSC-100 Intro to Computers and Computing

Complete 1 Lab Science Elective course (4 credits)**Complete MAT-110 or MAT-116**

- MAT-110 Precalculus
- MAT-116 Pre-Calculus for Business

Complete the following courses:

- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics

Complete 1 Diversity Elective.**Complete 3 Humanities Electives.****Complete the following groups:****HIS-210 or HIS-105**

- HIS-210 History of Western Civilization I
- HIS-105 U.S. History I

HIS-211 or HIS-106

- HIS-211 History of Western Civilization II
- HIS-106 U.S. History II

Business AA Major Requirements**Complete the following courses:**

- CSS-100 College Student Success
- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- MAN-121 Principles of Management
- MAN-221 Marketing

BUSINESS (LIBERAL ARTS) FULLY ONLINE A.A.

Business (Major)**Business (Department)**

HCCC's Associate in Arts Liberal Arts Business degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in business or related subjects. The Liberal Arts Business program allows many options when choosing courses; students should plan carefully for the future by researching the degree requirements of four-year institutions which interest them.

Requirements**Business AA General Educ Requirements****Complete the following groups:****COMPLETE ENG-101**

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete the following groups:**COMPLETE 1 COURSE FROM: MAT-100, MAT-114, MAT-123 BIO-100, BIO-120, CHP-100, ENV-110, or SCI-101**

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science

- CSC-100 Intro to Computers and Computing

Complete 1 Lab Science Elective course (4 credits)**Complete MAT-110 or MAT-116**

- MAT-110 Precalculus
- MAT-116 Pre-Calculus for Business

Complete the following courses:

- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics

Complete 1 Diversity Elective.**Complete 3 Humanities Electives.****Complete the following groups:****HIS-210 or HIS-105**

- HIS-210 History of Western Civilization I
- HIS-105 U.S. History I

HIS-211 or HIS-106

- HIS-211 History of Western Civilization II
- HIS-106 U.S. History II

Business AA Major Requirements**Complete the following courses:**

- CSS-100 College Student Success
- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- MAN-121 Principles of Management
- MAN-221 Marketing

BAKING AND PASTRY ARTS, CERTIFICATE

Culinary Arts, Baking and Pastry (Major)**Culinary Arts (Department)**

The Certificate in Baking and Pastry Arts provides a career-oriented curriculum designed to develop skills beyond a proficiency level. This Certificate is designed for individuals who may not initially desire a degree but who wish to increase opportunities for employment in the field of baking and pastry within restaurants, cruise ships, assisted living facilities, hotels, resorts, institutional foodservice facilities and product development. Upon completion, students will be professionally certified to enhance skills for future employment opportunities.

Requirements**Baking and Pastry Certificate Major Requirements****Complete the following requirements:**

- ENG-101 College Composition I
- CSC-100 Intro to Computers and Computing

Major Baking and Pastry**Complete the following requirements:**

- CAI-115 Food Sanitation and Culinary Principles
- CAI-118 Pantry and Breakfast Cookery
- CAI-119 Bakeshop I
- CAI-219 Advanced Bakeshop III
- CAI-129 Bakeshop II
- CAI-229 Advanced Bakeshop IV - Classical
- CBP-120 Introduction to Professional Baking
- CBP-121 Basic Bench Work
- CAI-125 Externship I

TAKE 9 CREDITS FROM THE FOLLOWING COURSES:**TAKE 6 CREDITIS FROM THE FOLLOWING: CBP-124 CBP-211 CBP-212 CBP-220 CBP-225 CBP-226**

- CBP-124 Tarts, Tortes and Gateaux
- CBP-211 Meringues, Souffles, and Frozen Desserts
- CBP-212 Desserts for Restaurant andin Store Retail

- CBP-220 Petits Fours, Mignardise and Candies
- CBP-225 Advanced Artisanal Bread Baking
- CBP-226 Chocolate and Sugar

CULINARY ARTS, BAKING AND PASTRY OPTION, AAS

Culinary Arts, Baking and Pastry (Major) Culinary Arts (Department)

The AAS in Culinary Arts Baking and Pastry Degree option is designed to provide students with the knowledge and skill set relevant for entry level employment in the baking and pastry segment of the foodservice/hospitality industry. The option will introduce students to fundamentals and advanced techniques in a progressive format. Upon completion of the first semester in the culinary arts program, students will begin the specialization in baking and pastries. The program will rely heavily on hands-on learning with the majority of the instruction being the CAI pastry labs.

Requirements

Culinary Arts, Baking and Pastry AAS General Ed Req

Complete the following courses: **COMPLETE ENG-101**

- ENG-101 College Composition I

ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete 1 Social Science Elective.

Complete the following courses: **ENG-112 and HUM-128**

- ENG-112 Speech
- HUM-128 Food and Culture

TAKE 1 COURSE FROM HUMANITIES/SOCIAL SCIENCE ELECTIVE

Culinary Arts, Baking and Pastry AAS Major Req

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- CAI-115 Food Sanitation and Culinary Principles
- CAI-117 Production Kitchen Skills I
- CAI-118 Pantry and Breakfast Cookery
- CAI-119 Bakeshop I
- CAI-129 Bakeshop II
- CAI-219 Advanced Bakeshop III
- CAI-229 Advanced Bakeshop IV - Classical
- CAI-121 Product Identification and Purchasing
- CAI-215 Externship II
- CAI-225 Externship III
- CBP-120 Introduction to Professional Baking
- CBP-121 Basic Bench Work
- CBP-124 Tarts, Tortes and Gateaux
- CBP-211 Meringues, Souffles, and Frozen Desserts
- CBP-212 Desserts for Restaurant and in Store Retail
- CBP-220 Petits Fours, Mignardise and Candies

Complete the following requirements: **COMPLETE CBP-226 or CBP-225**

- CBP-226 Chocolate and Sugar
- CBP-225 Advanced Artisanal Bread Baking

COMPLETE 1 COURSE FROM BIO-201 CAI-223 or CAI-210

- BIO-201 Practical Nutrition
- CAI-206 Introduction to Sustainability
- CAI-223 Food, Beverage, and Labor Cost Control
- CAI-210 Menu and Facilities Design

CANNABIS BUSINESS MANAGEMENT, CERTIFICATE

Cannabis, Business (Major) Business (Department)

The Certificate in Cannabis Business Management program provides students with the skills to secure a supervisory level position in the cannabis business field. It also benefits those who are in the field and are interested in securing additional job skills. This Certificate program will increase students' access to employment opportunities. Potential careers include positions in cannabis cultivation, manufacturing, retail, wholesale and delivery.

Requirements

Cannabis Business Management Gen Ed Requirements

Complete ENG-101 and CSC-100

- ENG-101 College Composition I
- CSC-100 Intro to Computers and Computing

Cannabis Business Management Major Requirements

Complete the following required courses:

- ACC-121 Principles of Accounting I
- MAN-121 Principles of Management
- ENG-211 Business Communications
- CAI-206 Introduction to Sustainability
- BUS-230 Business Law
- CAN-101 Cannabis Compliance
- CAN-121 Justice in Cannabis
- CAN-201 Cannabis Health and Safety
- CAN-221 Cannasseur Level I

CANNABIS BUSINESS AGENT PROFICIENCY CERTIFICATE

Cannabis, Business (Major) Business (Department)

The Certificate in Cannabis Business Agent program provides students with the skills to secure a entry-level position in the cannabis business field. It also benefits those who are in the field and are interested in securing additional job skills. This Certificate program will increase students' access to employment opportunities. Potential careers include positions in cannabis cultivation, manufacturing, retail, delivery, and wholesale.

Requirements

GenEd Cannabis Prof

Complete ENG-101 or CSC-100.

- ENG-101 College Composition I
- CSC-100 Intro to Computers and Computing

Major Cannabis Prof

Complete the following courses:

- CAN-101 Cannabis Compliance
- CAN-121 Justice in Cannabis
- CAN-201 Cannabis Health and Safety

CERTIFIED NURSE AIDE

(Major)
Continuing Education (Department)

CULINARY ARTS

(Major)
Continuing Education (Department)

ENGLISH AS A SECOND LANGUAGE

(Major)
Continuing Education (Department)

HOMELAND SECURITY

(Major)
Continuing Education (Department)

LEED FOR NEW CONSTRUCTION PROJECT MGMT

(Major)
Continuing Education (Department)

NON-CREDIT

(Major)
Continuing Education (Department)

NEW PATHWAYS

(Major)
Continuing Education (Department)

CHEMISTRY (SCIENCE AND MATHEMATICS) A.S.

Chemistry (Major)
Science (Department)

Graduates of the Associate in Science degree in Science and Mathematics (Chemistry) transfer to four-year colleges and universities to complete bachelor's degrees in chemistry or related subjects requiring a strong background in chemistry, other natural sciences, and mathematics.

Requirements

Chemistry AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following groups:

- BIO-100 General Biology

MAT-111 and MAT-112

- MAT-111 Calculus I
- MAT-112 Calculus II

CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

Complete 1 Social Science Elective.

Complete 1 Humanities Elective.

Complete 1 Social Science or Humanities Elective.

Chemistry AS Major Requirements

Complete the following courses:

- CHP-111 College Chemistry I
- CHP-211 College Chemistry II
- CHP-225 Organic Chemistry I
- CHP-230 Organic Chemistry II
- PHY-111 Engineering Physics I
- PHY-211 Engineering Physics II

Complete 1 Approved Science Elective.

TAKE MAT-114 CSC-115 CSC-118 or CSC-117

- MAT-114 Introduction Probabilities and Statistics
- CSC-115 Programming in C++ for Comp Science
- CSC-118 Python Programming
- CSC-117 Java Programming

CERTIFIED NURSE AIDE

(Major)
Continuing Education (Department)

COMMUNITY EDUCATION

(Major)
Continuing Education (Department)

COMMUNITY HEALTHCARE NAVIGATOR, PROFICIENCY CERTIFICATE

(Major)
Nursing and Health Sciences (Department)

The Community Healthcare Navigator Proficiency Certificate prepares students for entry-level healthcare navigation employment opportunities in physician practices, clinics, and community health centers. The work of a navigator varies based on the organization and specialty areas of an employer. Navigators assist clients with the complicated process of accessing and using medical systems. This is a "stackable" certificate; all courses nest directly into the AS Public Health Option to Health Services degree program. This proficiency certificate can act as an "off-ramp" for a pre-RN majors, allowing students to an "on-ramp" upon completion as a better prepared pre-RN major. The certificate also allows AS Public Health declared majors to jump-start the degree and gain practical experience early in their education.

Requirements

Required Courses

Complete the following required courses:

COMPLETE BIO-107 or BIO-211

- BIO-107 Human Biology
- BIO-211 Anatomy and Physiology II
- HLT-110 Culture, Diversity, and Healthcare
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-218 Health Disparities in the United States

COMM HEALTH NAVIGATOR, PROFICIENCY CERTIFICATE, FULLY ONLINE

(Major) Nursing and Health Sciences (Department)

The Community Healthcare Navigator Proficiency Certificate prepares students for entry-level healthcare navigation employment opportunities in physician practices, clinics, and community health centers. The work of a navigator varies based on the organization and specialty areas of an employer. Navigators assist clients with the complicated process of accessing and using medical systems. This is a "stackable" certificate; all courses nest directly into the AS Public Health Option to Health Services degree program. This proficiency certificate can act as an "off-ramp" for a pre-RN majors, allowing students to an "on-ramp" upon completion as a better prepared pre-RN major. The certificate also allows AS Public Health declared majors to jump-start the degree and gain practical experience early in their education.

Requirements

Required Courses

Complete the following required courses:
COMPLETE BIO-107 or BIO-211

- BIO-107 Human Biology
- BIO-211 Anatomy and Physiology II
- HLT-110 Culture, Diversity, and Healthcare
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-218 Health Disparities in the United States

STUDIO ARTS (COMPUTER ARTS OPTION) A.F.A.

Computer Arts (Major) Studio Arts (Department)

The A.F.A. program in Studio Arts - Computer Arts prepares students for continued study and professional work in various areas of Computer Art and Design including graphic design, web design, digital video and animation. This degree option includes some core studio arts requirements as well as both foundation and intermediate level computer arts courses, art history and general education. Students completing the A.F.A. Computer Arts option will have completed all or most requirements needed to transfer to a Bachelor's level program at a senior institution.

Requirements

Computer Arts AFA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:
COMPLETE ENG-101

- ENG-101 College Composition I
- ENG-101 College Composition I

COMPLETE ENG-102 with section ART

- ENG-102 College Composition II

COMPLETE ONE COURSE FROM: CSC-100 MAT-100 MAT-114 MAT-123 BIO-100 BIO-120 CHP-100 ENV-110 or SCI-101.

COMPLETE ONE MATH/SCIENCE/TECHNOLOGY COURSE

- CSC-100 Intro to Computers and Computing
- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science

Complete 1 Social Science or Humanities Elective.
COMPLETE THE FOLLOWING COURSES:

- ART-115 Art History I
- ART-125 Art History II
- ART-120 Survey of Contemporary Art

Computer Arts AFA Major Requirements

Complete the following requirements:
Required Courses

- ART-103 Two Dimensional Design
- ART-106 Drawing I
- ART-113 Three Dimensional Design
- ART-114 Color Theory
- ART-220 Art in Context
- ARC-106 Digital Imaging
- ARC-107 Print Design
- ARC-109 Interactive/Web Design
- ARC-115 3D Digital Design for Fabrication
- ARC-201 Digital Video
- ARC-202 Digital Animation
- ARC-280 Computer Arts Portfolio and Presentation

Complete 1 course Studio Art or Computer Art Elective.

COMPUTER SCIENCE A.S. (B.S.)

Computer Science (Major) Computer Science (Department)

The graduates of the Associate in Science degree in Computer Science are prepared for transfer to four-year institutions to complete bachelor's degrees in Computer Science, Mathematics, or related fields. The curriculum provides instruction in computer programming on the application and system levels, an understanding of computer hardware organization and architectures, and a working knowledge of microcomputer and microprocessor design. Students may choose from two tracks, one leading to a Bachelor of Science degree and the other leading to a Bachelor of Arts degree. The latter requires fewer advanced mathematics and physics courses. A.S. Computer Science curriculum for transfer to Bachelor of Science.

Requirements

Computer Science AS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:
COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-111 Calculus I
- MAT-112 Calculus II
- PHY-111 Engineering Physics I

Complete 1 Social Science Elective.

Complete the following course:

TAKE 1 HUMANITIES COURSE - RECOMMENDED HUM-101

Complete 1 Social Science or Humanities Elective.

Complete the following courses:

- ENG-112 Speech
- MAT-211 Calculus III

Computer Science AS Major Requirements

Complete the following groups:

Required Courses

- CSC-113 Computer Logic and Discrete Math
- CSC-115 Programming in C++ for Comp Science
- CSC-214 Data Structures and Advanced Programming

COMPLETE 1 MATH or SCIENCE ELECTIVES (4 CREDITS)

Complete the following requirements:

TAKE CSC-117 or CSC-118

- CSC-117 Java Programming
- CSC-118 Python Programming

TAKE 3 COURSES FROM CSC-226, 227, 230, 231, 232, 235, 240, 242 or 245

- CSC-226 Database Design and Concepts
- CSC-227 Intro to Operating Systems
- CSC-230 Data Communication Concepts
- CSC-231 Info Systems Analysis and Design
- CSC-232 Cybersecurity
- CSC-235 Network Security
- CSC-240 Intro to Networks and Networking
- CSC-242 Computer Forensics and Investigation
- CSC-245 Ethical Hacking

COMPUTER SCIENCE A.S. (B.A.)

Computer Science (Major)

Computer Science (Department)

The graduates of the Associate in Science degree in Computer Science are prepared for transfer to four-year institutions to complete bachelor's degrees in Computer Science, Mathematics, or related fields. The curriculum provides instruction in computer programming on the application and system levels, an understanding of computer hardware organization and architectures, and a working knowledge of microcomputer and microprocessor design. Students may choose from two tracks, one leading to a Bachelor of Science degree and the other leading to a Bachelor of Arts degree. The latter requires fewer advanced mathematics and physics courses. A.S. Computer Science curriculum for transfer to Bachelor of Arts.

Requirements

Computer Science AS (BA) General Educ Requirement

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete MAT-110 and MAT-111:

- MAT-110 Precalculus

- MAT-111 Calculus I

Complete MAT-112 and PHY-113.

- MAT-112 Calculus II
- PHY-113 Physics I

Complete the following course:

- ECO-201 Principles of Macroeconomics

TAKE 1 SOCIAL SCIENCE ELECTIVE

Complete the following course:

RECOMMENDED HUM-101

Complete the following courses:

- ENG-112 Speech

Computer Science AS (BA) Major Requirements

Complete the following courses:

- CHP-111 College Chemistry I
- CSC-113 Computer Logic and Discrete Math
- CSC-117 Java Programming
- CSC-226 Database Design and Concepts
- CSC-227 Intro to Operating Systems
- CSC-231 Info Systems Analysis and Design

Complete 2 Computer Science Electives.

TAKE 1 COURSE FROM: CSC-111, CSC-115 or CSC-118

- CSC-111 Computer Science I
- CSC-115 Programming in C++ for Comp Science
- CSC-118 Python Programming

TAKE CSC-230 240 232 235 242 or 245

- CSC-230 Data Communication Concepts
- CSC-240 Intro to Networks and Networking
- CSC-232 Cybersecurity
- CSC-235 Network Security
- CSC-242 Computer Forensics and Investigation
- CSC-245 Ethical Hacking

COMPUTER SCIENCE (CYBERSECURITY OPTION) A.S.

Cybersecurity (Major)

Computer Science (Department)

The graduates of the Associate in Science degree in Computer Science/Cybersecurity are prepared for transfer to four-year institutions to complete bachelor's degrees in Computer Science, Mathematics, or related fields. The curriculum provides instruction in computer programming on the application and system levels, an understanding of computer hardware organization and architectures, and a working knowledge of network security, Cybersecurity, data communications and local area networks. Students may choose from two tracks, one leading to a Bachelor of Science degree in computer science and the other leading to a Bachelor of Science degree in computer science/Cybersecurity.

Requirements

Cybersecurity AS General Education Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics

Complete the following course:

HUM-101 RECOMMENDED

Complete the following courses:

- ENG-112 Speech
- PHL-218 Contemporary Moral Issues

Complete 1 Social Science Elective:

Complete 1 Humanities or Social Science Elective:

Cybersecurity AS Major Requirements

Complete the following courses:

- CSC-117 Java Programming
- CSC-113 Computer Logic and Discrete Math
- CSC-226 Database Design and Concepts
- CSC-227 Intro to Operating Systems
- CSC-232 Cybersecurity
- CSC-245 Ethical Hacking
- CSC-214 Data Structures and Advanced Programming

COMPLETE CSC-230 or CSC-240

- CSC-230 Data Communication Concepts
- CSC-240 Intro to Networks and Networking

Complete the following requirements:

COMPLETE CSC-235 OR CSC-242

- CSC-235 Network Security
- CSC-242 Computer Forensics and Investiga

COMPUTER TECHNOLOGY A.A.S.

Computer Technology (Major)
Computer Science (Department)

The Computer Technology Program is designed to train students in the theoretical and practical aspects of computer technology through a balanced hardware, software, and systems curriculum which includes the disciplines of electronics engineering technology and computer science. Graduates of the Computer Technology Program are prepared to participate directly in the design, analysis, development, and testing of computers and computer related equipment. The graduate may transfer, with full two-year credit, into existing baccalaureate degree programs in engineering technology.

Requirements

Computer Technology AAS General Educ Requirements

Complete CSS-100:

- CSS-100 College Student Success

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete the following course:

- MAT-110 Precalculus

Complete the following courses:

Complete ENG-112

- ENG-112 Speech

PHY-113 or PHY-111

- PHY-113 Physics I
- PHY-111 Engineering Physics I

1 Diversity Elective

Complete 1 Humanities or Social Science Elective:

Computer Technology AAS Major Requirements

Complete the following courses:

- CSC-115 Programming in C++ for Comp Science
- CSC-113 Computer Logic and Discrete Math
- CSC-214 Data Structures and Advanced Programming
- MAT-111 Calculus I
- MAT-112 Calculus II
- EET-111 Electric Circuits I
- EET-211 Electric Circuits II
- EET-212 Active Electronic Devices

Complete CTC-212 or CSC-212:

- CTC-212 Computer Organization and Design
- CSC-212 Computer Organization and Design

Complete 1 Restricted Electives: CSC-117 CSC-118 CSC-226 CSC-227 CSC-240.

- CSC-117 Java Programming
- CSC-226 Database Design and Concepts
- CSC-227 Intro to Operating Systems
- CSC-240 Intro to Networks and Networking
- CSC-118 Python Programming

CONSTRUCTION PROFICIENCY

ADMINISTRATION,

Construction Management (Major)
STEM (Department)

The proficiency certificate in Construction Administration is designed to prepare students for careers in construction industry. The program includes courses, specific to construction that includes construction administration. Students will learn to understand and administer all phases of modern-day construction. They will be exposed to new construction methods protocols, procedures, contracts and management principals. Special emphasis will be placed on ensuring that graduating students are able to pass the national licensing exams.

Requirements

Construction Administration

Complete the following courses:

- CNM-220 Construction Codes
- CNM-222 Construction Project Management
- CNM-225 Cost Estimation
- CNM-230 Project Planning and Control

CONSTRUCTION MANAGEMENT A.A.S

Construction Management (Major)
STEM (Department)

Construction Management is the planning, coordinating, and building of a project from conception to completion. The Associate in Applied Science Degree train students to coordinate and supervise all phases of modern-day construction including all types of public, residential, commercial, and industrial structures, as well as roads, memorials, and bridges. They are exposed to new construction methods, protocols, materials, testing procedures, cost estimation and management principles. The program also facilitate students to get externship opportunities for practical hands-on experiences.

Requirements

Construction Management AAS General Education Req

Complete CSS-100:

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-103 Technical Report Writing
- ENG-112 Speech

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following course:

- MAT-100 College Algebra

Complete the following course:

- ECO-201 Principles of Macroeconomics

Complete 1 Diversity Elective:

Construction Management AAS Major Requirements

Complete the following courses:

- SCI-101 Introduction to Physical Science
- MAT-103 Business Mathematics
- CHP-100 Introduction to Chemistry
- EGS-101 Engineering Graphics

Complete 8 CNM courses:

- CNM-225 Cost Estimation
- CNM-230 Project Planning and Control
- CNM-120 Intro Engineering Sci and Calc
- CNM-201 Introduction to Basic Structures
- CNM-202 Const. Proceed Materials and Tests
- CNM-205 Surveying and Site Planning
- CNM-220 Construction Codes
- CNM-222 Construction Project Management

CONSTRUCTION MANAGEMENT, CERTIFICATE

Construction Management (Major) STEM (Department)

The certificate program in construction management is designed to prepare students for careers in the construction industry. The program includes general education courses and courses, specific to construction management that includes technical skills as well as supervision, planning, coordination, and budgeting of a construction project. Students will learn to understand and manage all phases of modern-day construction. They will be exposed to new construction methods protocols, materials, testing procedures and management principles. Special emphasis will be placed on ensuring that graduating students are able to pass the national licensing exams.

Requirements

Construction Management Cert General Education Req

Complete CSS-100 ENG-101 and CSC-100

- CSS-100 College Student Success
- ENG-101 College Composition I
- CSC-100 Intro to Computers and Computing

Major Req. Courses

Complete the following courses:

- CNM-120 Intro Engineering Sci and Calc
- CNM-201 Introduction to Basic Structures
- CNM-202 Const. Proceed Materials and Tests
- CNM-205 Surveying and Site Planning
- CNM-220 Construction Codes
- CNM-222 Construction Project Management
- CNM-225 Cost Estimation
- CNM-230 Project Planning and Control

CONSTRUCTION PROFICIENCY

TECHNOLOGY,

Construction Management (Major) STEM (Department)

The proficiency certificate in Construction Technology is designed to prepare students for careers in construction industry. The program includes courses, specific to construction that includes technical skills. Students will learn to understand and manage all phases of modern-day construction. They will be exposed to new construction methods protocols, materials and testing procedures. Special emphasis will be placed on ensuring that graduating students are able to pass the national licensing exams.

Requirements

Consttech.Prof.Maj

COMPLETE THE FOLLOWING REQUIREMENTS:

- CNM-120 Intro Engineering Sci and Calc
- CNM-201 Introduction to Basic Structures
- CNM-202 Const. Proceed Materials and Tests
- CNM-205 Surveying and Site Planning

CRIMINAL JUSTICE CERTIFICATE

Criminal Justice (Major) Social Sciences (Department)

The Criminal Justice Certificate is designed for those seeking employment or career advancement in criminal justice positions which do not require Associate's or Bachelor's degrees in law enforcement, corrections and the courts. Students will gain knowledge regarding the administration of law enforcement, corrections and judicial agencies and become aware of their responsibilities as criminal justice professionals. Certificate students may easily transfer all credits earned into the existing A.A. or A.A.S. degree programs.

CRIMINAL JUSTICE A.S.

Criminal Justice (Major) Social Sciences (Department)

The Criminal Justice Associate in Science degree is for the student who intends to transfer to a four-year college or university to obtain a Bachelor of Science degree in Criminal Justice. The field of criminal justice encompasses law enforcement, investigations, court and administrative services, corrections, private security and juvenile justice. Each area requires individuals who can speak and write well and who can work well with colleagues and the community. The individuals need to be skilled in management, investigative techniques, analysis of data and critical thinking, and methods and theories of social science. Students who choose this program will develop these abilities and will be prepared for successful careers in a variety of positions in federal, state and local law enforcement agencies as police, corrections, court officers, security officers, or a number of administrative positions.

Requirements

Criminal Justice AS General Education Requirement

Complete CSS-100:

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete 1 Lab Science Elective:

TAKE 4 CREDITS LAB SCIENCE

Complete MAT-114.

- MAT-114 Introduction Probabilities and Statistics

Complete the following:

- ENG-112 Speech
- SOC-260 Race and Ethnic Relations

Complete the following courses:

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete PSC-102.

- PSC-102 American Government

Criminal Justice AS Major Requirements

Complete the following courses:

- CRJ-111 Intro to Criminal Justice
- CRJ-214 Corrections
- CRJ-215 Juvenile Justice System
- CRJ-221 Policeman's Role in the Community
- CRJ-230 Ethics and Justice
- CRJ-290 Criminal Justice Externship
- SOC-101 Introduction to Sociology

Complete the following groups:

TAKE 2 COURSES FROM CRJ-120, 200, 220, 222 SOC-240

- CRJ-120 Intro to Criminal Law
- CRJ-200 Constitutional Liberties and Rights
- CRJ-220 Gen Police Organization and Admin
- CRJ-222 Criminal Investigation
- SOC-240 Criminology

CRIMINAL JUSTICE - (HOMELAND SECURITY) A.S

Homeland Security (Major)

Criminal Justice (Department)

The Associate in Science in Criminal Justice option in Homeland Security prepares students for transfer to baccalaureate programs in Homeland Security or related fields. Graduates are also prepared to enter the workforce in private and governmental sectors including but not limited to border patrol, port security, customs and immigration, airport security and those dealing with domestic and international terrorism.

Requirements

Criminal Justice AS General Education Requirement

Complete CSS-100:

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete 1 Lab Science Elective:

Complete MAT-114.

- MAT-114 Introduction Probabilities and Statistics

Complete the following courses:

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete PSC-102.

- PSC-102 American Government

Take ENG-112 and SOC-260.

- ENG-112 Speech
- SOC-260 Race and Ethnic Relations

Criminal Justice AS Major Requirements

Complete the following courses:

- CRJ-221 Policeman's Role in the Community
- CRJ-230 Ethics and Justice
- CRJ-290 Criminal Justice Externship
- HMD-110 Fundamentals of Emergency Management
- HMD-111 Introduction to Homeland Security
- HMD-112 Introduction to Intelligence Function

Complete 2 courses from:

TAKE 2 COURSES FROM CRJ-215 HMD-112 HMD-221 SOC-240

- CRJ-215 Juvenile Justice System
- HMD-221 Domestic and International Terrorism
- HMD-112 Introduction to Intelligence Function
- SOC-240 Criminology

CRIMINAL JUSTICE - FULLY ONLINE A.S.

Criminal Justice (Major)

Social Sciences (Department)

The Criminal Justice Associate in Science degree is for the student who intends to transfer to a four-year college or university to obtain a Bachelor of Science degree in Criminal Justice. The field of criminal justice encompasses law enforcement, investigations, court and administrative services, corrections, private security and juvenile justice. Each area requires individuals who can speak and write well and who can work well with colleagues and the community. The individuals need to be skilled in management, investigative techniques, analysis of data and critical thinking, and methods and theories of social science. Students who choose this program will develop these abilities and will be prepared for successful careers in a variety of positions in federal, state and local law enforcement agencies as police, corrections, court officers, security officers, or a number of administrative positions.

Requirements

Criminal Justice AS General Education Requirement

Complete CSS-100:

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete 1 Lab Science Elective:

TAKE 4 CREDITS LAB SCIENCE

Complete MAT-114.

- MAT-114 Introduction Probabilities and Statistics

Complete the following:

- ENG-112 Speech
- SOC-260 Race and Ethnic Relations

Complete the following courses:

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete PSC-102.

- PSC-102 American Government

Criminal Justice AS Major Requirements

Complete the following courses:

- CRJ-111 Intro to Criminal Justice
- CRJ-214 Corrections
- CRJ-215 Juvenile Justice System
- CRJ-221 Policeman's Role in the Community
- CRJ-230 Ethics and Justice
- CRJ-290 Criminal Justice Externship
- SOC-101 Introduction to Sociology

Complete the following groups:

TAKE 2 COURSES FROM CRJ-120, 200, 220, 222 SOC-240

- CRJ-120 Intro to Criminal Law
- CRJ-200 Constitutional Liberties and Rights
- CRJ-220 Gen Police Organization and Admin
- CRJ-222 Criminal Investigation
- SOC-240 Criminology

CULINARY ARTS A.A.S.

Culinary Arts (Major)

Culinary Arts (Department)

This degree program provides comprehensive two-year training in culinary arts, preparing students for entry-level restaurant and food service positions as chefs, station chefs, sous-chefs, bakers, and restaurant managers. Required courses introduce students to all facets of food service operations, including food preparation, nutrition, purchasing procedures, menu planning, equipment, and table service. The 600-hour externship trains students in fine restaurants and hotels. HCCC's Culinary Arts Institute, opened in 2005, is equipped with an elegant dining room, modern instructional kitchens, and classrooms.

Requirements

Culinary Arts AAS General Educ Requirements

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete 2 courses in Social Science and/or Humanities Elective.

Complete the following:

ENG-112 and HUM-128

- ENG-112 Speech

- HUM-128 Food and Culture

Culinary Arts AAS Major Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- CAI-114 Tableservice I
- CAI-115 Food Sanitation and Culinary Principles
- CAI-117 Production Kitchen Skills I
- CAI-118 Pantry and Breakfast Cookery
- CAI-119 Bakeshop I
- CAI-121 Product Identification and Purchasing
- CAI-127 Production Kitchen Skills II
- CAI-128 Introduction to Garde Manger
- CAI-129 Bakeshop II
- CAI-214 Advanced Tableservice III
- CAI-125 Externship I
- CAI-217 Advanced Kitchen - International
- CAI-218 Intermediate Garde Manger
- CAI-224 Advanced Tableservice IV
- CAI-225 Externship III
- CAI-227 Advanced Kitchen-Classical
- CAI-228 Advanced Garde Manger

Complete 1 course from CAI-206 CAI-210 CAI-223 OR BIO-201.

- CAI-206 Introduction to Sustainability
- CAI-210 Menu and Facilities Design
- CAI-223 Food, Beverage, and Labor Cost Control
- BIO-201 Practical Nutrition

CULINARY ARTS (BAKING) PROFICIENCY CERTIFICATE

Culinary Arts, Baking (Major)

Culinary Arts (Department)

Specialized Proficiency Certificates are short-term, career-oriented courses designed to develop proficiency in particular skill areas. They are designed for individuals who may not initially desire a degree but who wish to increase their opportunities for employment in the food service industry. Students are permitted to enroll in and complete only one specialized proficiency certificate before being required to take the College's Placement Test and completing basic skills requirements.

Requirements

Baking Proficiency Certificate Requirements

Complete the following courses:

- CAI-115 Food Sanitation and Culinary Principles
- CAI-119 Bakeshop I
- CAI-129 Bakeshop II
- CAI-219 Advanced Bakeshop III
- CAI-229 Advanced Bakeshop IV - Classical

CULINARY ARTS CERTIFICATE

Culinary Arts (Major)

Culinary Arts (Department)

The Culinary Arts Certificate Program trains students for entry-level positions in the food service industry as station cooks, short order cooks, breakfast cooks, and pantry personnel. The program includes a 600-hour externship during which students receive on-site training in fine restaurants and hotels.

Requirements

Culinary Arts Certificate General Educ Requirement

Complete the following course:

- ENG-101 College Composition I

Complete the following course:

- CSC-100 Intro to Computers and Computing

Culinary Arts Certificate Major Requirements

Complete the following courses:

- CAI-114 Tableservice I
- CAI-115 Food Sanitation and Culinary Principles
- CAI-117 Production Kitchen Skills I
- CAI-118 Pantry and Breakfast Cookery
- CAI-119 Bakeshop I
- CAI-121 Product Identification and Purchasing
- CAI-125 Externship I
- CAI-127 Production Kitchen Skills II
- CAI-128 Introduction to Garde Manger
- CAI-129 Bakeshop II
- CAI-223 Food, Beverage, and Labor Cost Control

CULINARY ARTS (COLD FOOD) PROFICIENCY CERTIFICATE

Culinary Arts, Cold Food Prod (Major) Culinary Arts (Department)

Specialized Proficiency Certificates are short-term, career-oriented courses designed to develop proficiency in particular skill areas. They are designed for individuals who may not initially desire a degree but who wish to increase their opportunities for employment in the food service industry. Students are permitted to enroll in and complete only one specialized proficiency certificate before being required to take the College's Placement Test and completing basic skills requirements.

Requirements

Cold Food Proficiency Certificate Requirements

Complete the following courses:

- CAI-115 Food Sanitation and Culinary Principles
- CAI-118 Pantry and Breakfast Cookery
- CAI-128 Introduction to Garde Manger
- CAI-218 Intermediate Garde Manger
- CAI-228 Advanced Garde Manger

CULINARY ARTS (HOT FOOD) PROFICIENCY CERTIFICATE

Culinary Arts, Hot Food Prod (Major) Culinary Arts (Department)

Specialized Proficiency Certificates are short-term, career-oriented courses designed to develop proficiency in particular skill areas. They are designed for individuals who may not initially desire a degree but who wish to increase their opportunities for employment in the food service industry. Students are permitted to enroll in and complete only one specialized proficiency certificate before being required to take the College's Placement Test and completing basic skills requirements.

Requirements

Hot Food Proficiency Certificate Requirements

Complete the following courses:

- CAI-115 Food Sanitation and Culinary Principles
- CAI-117 Production Kitchen Skills I
- CAI-127 Production Kitchen Skills II
- CAI-217 Advanced Kitchen - International
- CAI-227 Advanced Kitchen-Classical

DIGITAL ART AND DESIGN CERTIFICATE

Digital Art and Design (Major) Studio Arts (Department)

The Certificate in Digital Art and Design will prepare students for continued study and professional work in various areas of computer-based art and design including graphic design, web design, digital video and animation. This program of courses includes foundation courses in studio arts, introductory and intermediate level courses in computer-based design, and general education courses in communications. Students completing the Certificate will be able to apply the credits earned towards the A.F.A. Studio Arts, Computer Art Option at HCCC or use the skills learned to advance their career prospects.

Requirements

Digital Art and Design Certificate Gen Educ Req

Complete the following course:

- ENG-101 College Composition I

Complete 1 Humanities, Social Science or Math Elective:

Digital Art and Design Certificate Major Req

Complete the following courses:

- ART-103 Two Dimensional Design
- ART-106 Drawing I
- ARC-105 Intro to Computer Arts
- ARC-106 Digital Imaging
- ARC-107 Print Design
- ARC-109 Interactive/Web Design
- ARC-201 Digital Video
- ARC-202 Digital Animation

DIGITAL ART AND DESIGN PROFICIENCY CERTIFICATE

Digital Art and Design (Major) Studio Arts (Department)

The Proficiency Certificate in Digital Art and Design will prepare students for continue study and professional work in various areas of computer-based art and design including graphic design, web design, digital video and animation. This short program of courses includes both introductory and intermediate level courses in computer-based design. Students completing the Certificate will be able to apply the credits earned towards the Certificate in Digital Design and/or the A.F.A. Studio Arts, Computer Art Option at HCCC or use the skills learned to advance their career prospects.

Requirements

Digital Art and Design Proficiency Certificate

Complete the following groups:

Complete the following courses:

- ARC-105 Intro to Computer Arts
- ARC-106 Digital Imaging
- ARC-107 Print Design
- ARC-109 Interactive/Web Design

ARC-201 or ARC-202

- ARC-201 Digital Video
- ARC-202 Digital Animation

EARLY CHILDHOOD EDUCATION (LIBERAL ARTS) A.A.

Early Childhood Education (Major) Education (Department)

The AA Liberal Arts ECE degree is the right choice for students who want to teach in pre-kindergarten through third grade. After earning this degree and satisfying all entrance requirements students are prepared to transfer to a four-year college or university to earn a Bachelor's Degree in Early Childhood Education, required for certification. Depending on current articulation agreements, students can also earn a dual certification in Special Education or Elementary Education. Students will also be required to major in a content area specific to their desired Pre-K to Grade 3 teacher's license in New Jersey. Coursework at HCCC integrates theory and practice and includes child/program observations in schools, child care centers, and in other group settings.

Requirements

Early Childhood Educ AA General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses: COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete the following groups: BIO-100 and CSC-100

- BIO-100 General Biology
- CSC-100 Intro to Computers and Computing

TAKE BIO 107 (LAB SCIENCE)

- BIO-107 Human Biology

Complete MAT-100 or MAT-123.

- MAT-100 College Algebra
- MAT-123 Mathematics for Liberal Arts

Complete INTD-235.

- INTD-235 Exploring Multicultural Studies

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete HIS-105 and HIS-106.

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete the following Humanities Electives. COMPLETE HUM-101

- HUM-101 Cultures and Values

COMPLETE 2 HUMANITIES ELECTIVES

Early Childhood Educ AA Major Requirements

Complete the following groups:

- ECE-201 Intro to Early Childhood Educ
- ECE-215 Emerging Literacy

- ECE-214 Guiding the Young Child's Behavior
- EDU-221 Clinical Experience

COMPLETE SED-235 or SED-290

- SED-235 Young Children With Special Needs
- SED-290 Inclusive Teaching and Learning

EARLY CHILDHOOD EDUCATION A.A.S.

Early Childhood Education (Major) Education (Department)

Graduates of this program are eligible to work as group teachers in child care centers, early intervention programs, as family or community workers, and in other child and family programs. With 60 college credits students can apply for a Substitute Teacher's Certificate for New Jersey public schools. Many school districts now require that teacher assistants and paraprofessionals hold an Associate Degree. All of the General Education and Liberal Arts course work and six credits of ECE/EDU/SED classes are applicable and transferable to many teacher education programs at four-year colleges.

Requirements

Early Childhood Ed AAS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups: COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete 1 Mathematics Elective. MAT-123 or MAT-100 MATH ELECTIVE

- MAT-100 College Algebra
- MAT-104 Contemporary Mathematics
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following course:

- PSY-101 Introduction to Psychology

Complete the following groups: ENG-112, BIO-100 SOC-101 and CSC-100

- ENG-112 Speech
- CSC-100 Intro to Computers and Computing
- BIO-100 General Biology
- SOC-101 Introduction to Sociology

Early Childhood Educ AAS Major Requirements

COMPLETE THE FOLLOWING REQUIREMENTS: COMPLETE ECE-201 CDP-100 or CDI-100

- ECE-201 Intro to Early Childhood Educ
- CDP-100 Preschool CDA Workshop
- CDI-100 Infant/Toddler CDA Workshop I

COMPLETE ECE-211 or CDP-110

- ECE-211 Early Childhood Curriculum

- CDP-110 Preschool CDA Workshop II

CDI-110 or ECE-230

- CDI-110 Infant/Toddler CDA Workshop II
- ECE-230 Infant and Toddler Curriculum

COMPLETE ECE-216 CDI-120 or CDP-120

- ECE-216 Clinical Observations
- CDP-120 Field Experience in a Preschool
- CDI-120 Field Experience Infant/Toddler Setting

Complete the following courses:

- ECE-215 Emerging Literacy
- ECE-214 Guiding the Young Child's Behavior
- INTD-250 The Child, Family and Community
- PSY-211 Developmental Psychology I
- LIT-209 Children's Literature

TAKE SED-235 or SED-290

- SED-235 Young Children With Special Needs
- SED-290 Inclusive Teaching and Learning

TAKE INTD-250 or SOC-260

- INTD-250 The Child, Family and Community
- SOC-260 Race and Ethnic Relations

Take 1 course from Humanities or Diversity

EARLY CHILDHOOD EDUCATION (LIBERAL ARTS) FULLY ONLINE A.A.

Early Childhood Education (Major) Education (Department)

The AA Liberal Arts ECE degree is the right choice for students who want to teach in pre-kindergarten through third grade. After earning this degree and satisfying all entrance requirements students are prepared to transfer to a four-year college or university to earn a Bachelor's Degree in Early Childhood Education, required for certification. Depending on current articulation agreements, students can also earn a dual certification in Special Education or Elementary Education. Students will also be required to major in a content area specific to their desired Pre-K to Grade 3 teacher's license in New Jersey. Coursework at HCCC integrates theory and practice and includes child/program observations in schools, child care centers, and in other group settings.

Requirements

Early Childhood Educ AA General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete the following groups:

BIO-100 and CSC-100

- BIO-100 General Biology
- CSC-100 Intro to Computers and Computing

TAKE BIO 107 (LAB SCIENCE)

- BIO-107 Human Biology

Complete MAT-100 or MAT-123.

- MAT-100 College Algebra
- MAT-123 Mathematics for Liberal Arts

Complete INTD-235.

- INTD-235 Exploring Multicultural Studies

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete HIS-105 and HIS-106.

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete the following Humanities Electives.

COMPLETE HUM-101

- HUM-101 Cultures and Values

COMPLETE 2 HUMANITIES ELECTIVES

Early Childhood Educ AA Major Requirements

Complete the following groups:

- ECE-201 Intro to Early Childhood Educ
- ECE-215 Emerging Literacy
- ECE-214 Guiding the Young Child's Behavior
- EDU-221 Clinical Experience

COMPLETE SED-235 or SED-290

- SED-235 Young Children With Special Needs
- SED-290 Inclusive Teaching and Learning

ELECTRONICS ENGINEERING TECHNOLOGY A.A.S.

Electronics Engineering Tech (Major) Technology (Department)

The Associate in Applied Science degree in Electronics Engineering Technology provides students with a solid theoretical foundation and practical hands-on experience in electronics applications. Graduates of the program are prepared to work as electronics technicians with electronic circuits, control systems, computers, and robotics in the areas of design, analysis, testing, development, maintenance, production, research, and sales. Graduates may seek immediate employment or transfer to baccalaureate degree programs in engineering technology.

Requirements

Electronics Engr Tech AAS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete the following course:

- MAT-100 College Algebra

Complete the following groups:

ENG-112 and PHY-113

- ENG-112 Speech
- PHY-113 Physics I

ONE DIVERSITY ELECTIVE

Complete 1 Social Science or Humanities Elective:

Electronics Engr Tech AAS Major Requirements

Complete the following groups:

CSC-101 or CSC-115

- CSC-101 Scientific Programming
- CSC-115 Programming in C++ for Comp Science

Complete the following courses:

- EET-111 Electric Circuits I
- EET-211 Electric Circuits II
- EET-212 Active Electronic Devices
- EET-214 Active Circuit Analysis and Design
- EET-223 Integrated Circuits in Digital Systems
- EET-228 Electronics Projects Lab
- MAT-110 Precalculus
- MAT-111 Calculus I

COMPLETE 1 RESTRICTED ELECTIVE FROM:

EET-222 EET-226 EET-229

- EET-222 Analog Integrated Circuits
- EET-226 Communications Systems
- EET-229 Microprocessor/Microcomputer Sys Design

ELECTRONICS TECHNOLOGY CERTIFICATE

Electronics Technology (Major) Technology (Department)

(Program not for new students) Graduates of the Electronics Technology Certificate program possess the technical skills needed by electronics technicians. They have a strong foundation in DC and AC circuits, electronic circuits, facility in the use of test equipment, and the ability to write technical reports. Students who complete the certificate may transfer into the Electronics Engineering Technology degree program with 16 transfer credits.

Requirements

Electronics Technology Cert. Gen Ed Requirements

Complete the following course:

- ENG-101 College Composition I

Complete the following course:

- CSC-100 Intro to Computers and Computing

Electronics Technology Cert. Major Requirements

Complete the following courses:

Required Courses

- ENG-112 Speech
- ENG-103 Technical Report Writing
- MAT-100 College Algebra

EDUCATION (ELEMENTARY/SECONDARY - LIBERAL ARTS) A.A.

Elementary/Secondary Education (Major) Education (Department)

The Liberal Arts Degree in Elementary/Secondary Education is the right choice for students who are interested in preparing for a professional teaching career in public school education. After earning the Associate of Arts Degree, students are prepared to transfer to four-year College or university to continue their education and earn a Bachelor's Degree, required for certification. At the four-year College or university, the program graduate will also be required to major in a content area specific to their desired K - 12 teacher's license in New Jersey. Students are strongly encouraged to select electives carefully in order to satisfy transfer requirements.

Requirements

Elementary/Secondary Ed AA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete the following groups:

BIO-100 and BIO-107

- BIO-100 General Biology
- BIO-107 Human Biology

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete MAT-100 or MAT-123"

RECOMMENDED: MAT-123 or MAT-100

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete 1 Diversity Elective.

- INTD-235 Exploring Multicultural Studies

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete HIS-105 and HIS-106.

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete 3 Humanities Electives.

COMPLETE HUM-101

- HUM-101 Cultures and Values

COMPLETE 2 HUMANITIES ELECTIVES COURSES

Elementary/Secondary Ed AA Major Requirements

Complete the following groups:

Required Courses

- EDU-211 Foundations of American Education
- SED-290 Inclusive Teaching and Learning
- ECE-215 Emerging Literacy
- ECE-214 Guiding the Young Child's Behavior
- EDU-221 Clinical Experience

EDUCATION (ELEMENTARY/SECONDARY-LIBERAL ARTS) FULLY ONL A.A

Elementary/Secondary Education (Major) Education (Department)

The Liberal Arts Degree in Elementary/Secondary Education is the right choice for students who are interested in preparing for a professional teaching career in public school education. After earning the Associate of Arts Degree, students are prepared to transfer to four-year College or university to continue their education and earn a Bachelor's Degree, required for certification. At the four-year College or university, the program graduate will also be required to major in a content area specific to their desired K - 12 teacher's license in New Jersey. Students are strongly encouraged to select electives carefully in order to satisfy transfer requirements.

Requirements

Elementary/Secondary Ed AA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete the following groups:

BIO-100 and BIO-107

- BIO-100 General Biology
- BIO-107 Human Biology

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete MAT-100 or MAT-123"

RECOMMENDED: MAT-123 or MAT-100

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete 1 Diversity Elective.

- INTD-235 Exploring Multicultural Studies

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete HIS-105 and HIS-106.

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete 3 Humanities Electives.

COMPLETE HUM-101

- HUM-101 Cultures and Values

COMPLETE 2 HUMANITIES ELECTIVES COURSES

Elementary/Secondary Ed AA Major Requirements

Complete the following groups:

Required Courses

- EDU-211 Foundations of American Education
- SED-290 Inclusive Teaching and Learning

- ECE-215 Emerging Literacy
- ECE-214 Guiding the Young Child's Behavior
- EDU-221 Clinical Experience

ENGLISH A.A.

English (Major)

English (Department)

The Associate of Arts in English degree program is intended for students who want to broaden and deepen their understanding of literature and develop their own writing skills for professional and scholarly purposes, as well as for personal growth. Through the study of English - i.e. rhetoric, academic writing and research, immersion in and analysis of literature - graduates will be able to advance to four-year programs in English, Writing, Creative Writing, Communications, Literature, or Journalism, as well as any other majors in which writing skills and an appreciation of literature are required.

Requirements

English AA General Education Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Mathematics Elective from: MAT-100, 123, 110, 111, 112, 114, 211, 212, or 215"

RECOMMENDED: MAT-123 MATH FOR LIBERAL ARTS

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

2 LAB SCIENCE ELECTIVE

Complete 1 Diversity Elective. From: LIT-205 LIT-210 LIT-211 LIT-214 LIT-215 or LIT-225.

- LIT-205 Introduction to Cultural Studies
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-214 Intro to the Novel
- LIT-215 World Literature to 1650
- LIT-225 World Literature From 1650 to Present

Complete 2 Social Science Electives.

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Complete 3 Humanities Electives.

TAKE 2 HUMANITIES COURSES FROM LIT-215, 216, 225 226

- LIT-215 World Literature to 1650
- LIT-216 British Literature to 1650
- LIT-225 World Literature From 1650 to Present
- LIT-226 British Literature 1650-PRESENT

TAKE 1 FINE ART ELECTIVE COURSE**English AA Major Requirements**

Take LIT-201 LIT-202 LIT-204 LIT-205 LIT-206 LIT-207 LIT-208 LIT-209 LIT-210 LIT-211 LIT-214 LIT-220 or FLM-102

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-204 Introduction to the Short Story
- LIT-205 Introduction to Cultural Studies
- LIT-206 Introduction to Poetry
- LIT-207 Introduction to Drama
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-214 Intro to the Novel
- LIT-220 Science Fiction
- FLM-102 Latin American Literature in Film

**Complete the following Literature/English Electives:
1 LITERATURE/ENGLISH ELECTIVES FROM GROUP A OR C**

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-204 Introduction to the Short Story
- LIT-205 Introduction to Cultural Studies
- FLM-102 Latin American Literature in Film
- LIT-206 Introduction to Poetry
- LIT-207 Introduction to Drama
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-214 Intro to the Novel
- LIT-220 Science Fiction
- ENG-103 Technical Report Writing
- ENG-113 Intro to Journalism
- ENG-115 Writing for Emerging Media
- ENG-210 Creative Writing
- ENG-211 Business Communications
- ENG-215 Memoir and Creative Non-Fiction
- THA-205 Introduction to Playwriting

Take ENG-103 ENG-113 ENG-115 ENG-210 ENG-215 ENG-211 OR THA-205;

- ENG-103 Technical Report Writing
- ENG-113 Intro to Journalism
- ENG-115 Writing for Emerging Media
- ENG-210 Creative Writing
- ENG-220 English Internship
- ENG-215 Memoir and Creative Non-Fiction
- ENG-211 Business Communications
- THA-205 Introduction to Playwriting

TAKE ADVANCED ENGLISH SEMINAR

- ENG-290 Advanced English Seminar

ENGLISH (COMMUNICATION STUDIES OPTION) A.A.

Communications (Major) Hum/Soc (Department)

The English Associate of Arts - Communication Studies Option is an Associate in the Arts program intended for students who wish

to transfer to baccalaureate degree programs in Communication Studies and related fields in four-year colleges and universities, or who will seek employment upon earning their Associate's Degree. To an AA in English, the Communication Studies option would add a selection of communications classes, including communication theory, intercultural communication, interpersonal communication, and introduction to mass media. "A degree in Communication opens the door to a wide variety of employment opportunities. Communication graduates find jobs in the private, government, and non-profit sectors" (natcom.org)

Requirements**English Communication General Education****Complete CSS-100**

- CSS-100 College Student Success

**Complete the following groups:
COMPLETE ENG-101**

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Mathematics Elective from: MAT-100, 123, 110, 111, 112, 114, 211, 212, or 215"

RECOMMENDED: MAT-123 MATH FOR LIBERAL ARTS

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:**COMPLETE CSC-100**

- CSC-100 Intro to Computers and Computing

ONE SCIENCE COURSE

- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science
- SCI-102 Intro to Science Real World

1 LAB SCIENCE ELECTIVE**Complete 1 Diversity Elective.****COMPLETE INTERCULTURAL COMMUNICATION**

- COM-201 Intercultural Communication

Complete 2 Social Science Electives.**RECOMMENDED PSC-210 AND ANT-101****Complete the following courses:****TAKE ONE HISTORY ELECTIVES**

- HIS-104 History American Immigration and Ethnicity
- HIS-105 U.S. History I
- HIS-106 U.S. History II
- HIS-130 African-American History
- HIS-131 History of the Islamic World
- HIS-132 Latin-American and Caribbean History
- HIS-137 Women in American History
- HIS-210 History of Western Civilization I

- HIS-211 History of Western Civilization II
- HIS-135 History of Latin America

Complete 1 Literature Humanities Electives.

TAKE 1 HUMANITIES COURSES FROM LIT-215, 216 or 225

- LIT-215 World Literature to 1650
- LIT-216 British Literature to 1650
- LIT-225 World Literature From 1650 to Present

Complete 1 Group of Modern Language Humanities Electives.

- MLS-101 Basic Spanish I
- MLS-102 Basic Spanish II

- MLF-101 Basic French I
- MLF-102 Basic French II

- MLA-101 Elementary Arabic I
- MLA-102 Elementary Arabic II

- MLR-101 Basic Russian I
- MLR-102 Basic Russian II

- TFL-101 Transfer Foreign Language I
- TFL-102 Transfer Foreign Language II

English AA Major Requirements

Complete the following Literature/English Electives:

- COM-101 Interpersonal Communication
- COM-102 Introduction to Communication Theory
- COM-202 Mass Media
- COM-270 Digital Media and Society

ENGLISH FULLY ONLINE A.A.

English (Major)

English (Department)

The Associate of Arts in English degree program is intended for students who want to broaden and deepen their understanding of literature and develop their own writing skills for professional and scholarly purposes, as well as for personal growth. Through the study of English - i.e. rhetoric, academic writing, and research, immersion in and analysis of literature - graduates will be able to advance to four-year programs in English, Writing, Creative Writing, Communications, Literature, or Journalism, as well as any other majors in which writing skills and an appreciation of literature are required.

Requirements

English AA General Education Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Mathematics Elective from: MAT-100, 123, 110, 111, 112, 114, 211, 212, or 215"

RECOMMENDED: MAT-123 MATH FOR LIBERAL ARTS

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus

- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

2 LAB SCIENCE ELECTIVE

Complete 1 Diversity Elective. From: LIT-205 LIT-210 LIT-211 LIT-214 LIT-215 or LIT-225.

- LIT-205 Introduction to Cultural Studies
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-214 Intro to the Novel
- LIT-215 World Literature to 1650
- LIT-225 World Literature From 1650 to Present

Complete 2 Social Science Electives.

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Complete 3 Humanities Electives.

TAKE 2 HUMANITIES COURSES FROM LIT-215, 216, 225 226

- LIT-215 World Literature to 1650
- LIT-216 British Literature to 1650
- LIT-225 World Literature From 1650 to Present
- LIT-226 British Literature 1650-PRESENT

TAKE 1 FINE ART ELECTIVE COURSE

English AA Major Requirements

Take LIT-201 LIT-202 LIT-204 LIT-205 LIT-206 LIT-207 LIT-208 LIT-209 LIT-210 LIT-211 LIT-214 LIT-220 or FLM-102

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-204 Introduction to the Short Story
- LIT-205 Introduction to Cultural Studies
- LIT-206 Introduction to Poetry
- LIT-207 Introduction to Drama
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-214 Intro to the Novel
- LIT-220 Science Fiction
- FLM-102 Latin American Literature in Film

Complete the following Literature/English Electives:

1 LITERATURE/ENGLISH ELECTIVES FROM GROUP A OR C

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-204 Introduction to the Short Story
- LIT-205 Introduction to Cultural Studies
- FLM-102 Latin American Literature in Film
- LIT-206 Introduction to Poetry
- LIT-207 Introduction to Drama
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-214 Intro to the Novel
- LIT-220 Science Fiction
- ENG-103 Technical Report Writing

- ENG-113 Intro to Journalism
- ENG-115 Writing for Emerging Media
- ENG-210 Creative Writing
- ENG-211 Business Communications
- ENG-215 Memoir and Creative Non-Fiction
- THA-205 Introduction to Playwriting

Take ENG-103 ENG-113 ENG-115 ENG-210 ENG-215 ENG-211 OR THA-205;

- ENG-103 Technical Report Writing
- ENG-113 Intro to Journalism
- ENG-115 Writing for Emerging Media
- ENG-210 Creative Writing
- ENG-220 English Internship
- ENG-215 Memoir and Creative Non-Fiction
- ENG-211 Business Communications
- THA-205 Introduction to Playwriting

TAKE ADVANCED ENGLISH SEMINAR

- ENG-290 Advanced English Seminar

ENGLISH (LIBERAL ARTS) A.A.

English (Major)

English (Department)

The degree English Option to an Associate in the Arts program intended for students who want to broaden and deepen their understanding of literature and develop their own writing skills for professional and scholarly purposes, as well as for personal growth. Through the study of English-rhetoric, academic writing and research, immersion in and analysis of literature-graduates will be able to advance to four-year programs in English, Writing, Creative Writing, Communications, Literature, Media Studies, or Journalism as well as any other majors in which writing skills and an appreciation of literature are required.

Requirements

English AA General Education Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Mathematics Elective from: MAT-100, 123, 110, 111, 112, 114, 211, 212, or 215"

RECOMMENDED: MAT-123 MATH FOR LIBERAL ARTS

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

LAB SCIENCE ELECTIVE - 4 CREDITS

SCIENCE ELECTIVE

Complete 1 Diversity Elective.

Complete 2 Social Science Electives.

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Complete 3 Humanities Electives.

English AA Major Requirements

Complete 1 Literature Requirement:

LIT-201 or LIT-202 or LIT-215 or LIT-225

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-215 World Literature to 1650
- LIT-225 World Literature From 1650 to Present

Complete the following Literature/English Electives:

1 LITERATURE ELECTIVE

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-204 Introduction to the Short Story
- LIT-215 World Literature to 1650
- FLM-102 Latin American Literature in Film
- LIT-203 Caribbean Women Writers
- LIT-205 Introduction to Cultural Studies
- LIT-206 Introduction to Poetry
- LIT-207 Introduction to Drama
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-212 Introduction to Latino Literature of US
- LIT-213 Women's Voices: Autobiography
- LIT-220 Science Fiction
- LIT-225 World Literature From 1650 to Present

1 ENGLISH ELECTIVE

- ENG-103 Technical Report Writing
- ENG-113 Intro to Journalism
- ENG-115 Writing for Emerging Media
- ENG-210 Creative Writing
- ENG-215 Memoir and Creative Non-Fiction
- ENG-211 Business Communications

2 LITERATURE/ENGLISH ELECTIVES

- LIT-201 Introduction to Literature
- LIT-202 Survey of American Literature
- LIT-204 Introduction to the Short Story
- LIT-215 World Literature to 1650
- FLM-102 Latin American Literature in Film
- LIT-203 Caribbean Women Writers
- LIT-205 Introduction to Cultural Studies
- LIT-206 Introduction to Poetry
- LIT-207 Introduction to Drama
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-212 Introduction to Latino Literature of US
- LIT-213 Women's Voices: Autobiography
- LIT-214 Intro to the Novel
- LIT-220 Science Fiction
- ENG-103 Technical Report Writing
- ENG-113 Intro to Journalism
- ENG-115 Writing for Emerging Media
- ENG-210 Creative Writing
- ENG-211 Business Communications
- LIT-225 World Literature From 1650 to Present

- ENG-215 Memoir and Creative Non-Fiction
- LIT-216 British Literature to 1650
- THA-205 Introduction to Playwriting

ENGINEERING SCIENCE A.S.

Engineering Science (Major) Technology (Department)

The A.S. Engineering Science degree prepares students to enter B.S. Engineering Science programs as juniors. Students develop a strong foundation in mathematics, physics, and chemistry, with emphasis on engineering applications and use of the computer as a problem-solving tool. A strong general education curriculum helps students develop communications and analytical skills. The engineering science facilities include electronics, physics and chemistry laboratories, a computer science center, and CAD/CAM laboratory.

Requirements

Engineering Science AS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups: COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-111 Calculus I
- MAT-112 Calculus II
- CHP-111 College Chemistry I

Complete the following groups: COMPLETE ENG-112 and ECO-201

- ENG-112 Speech
- ECO-201 Principles of Macroeconomics

Complete the following course:

Complete 1 Humanities Elective.

Complete 1 Social Science or Humanities Elective.

Engineering Science AS Major Requirements

Complete the following courses:

- EGS-100 Fundamentals of Engineering Design
- MAT-211 Calculus III
- MAT-212 Differential Equations
- PHY-111 Engineering Physics I
- PHY-211 Engineering Physics II

COMPLETE EGS-230 or CHP-211

- EGS-230 Statics and Dynamics
- CHP-211 College Chemistry II

Complete the following groups:

COMPLETE 1 COURSE FROM: CSC-101 CSC-117 or CSC-118

- CSC-101 Scientific Programming
- CSC-117 Java Programming
- CSC-118 Python Programming

ENVIRONMENTAL STUDIES A.S.

Environmental Studies (Major) Environmental Science (Department)

This Associate in Science Degree is designed to integrate the social sciences, humanities, and natural sciences in a creative and interdisciplinary context that addresses contemporary environmental issues and problems from local to global. The Environmental Studies program will meet the future demands for environmental technicians and professionals by providing foundation and specialized courses to prepare students to transfer to bachelor's degree programs in Environmental Studies and other related fields.

Requirements

Environmental Studies AS General Edu Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-102 College Composition II

Complete the following courses:

- MAT-100 College Algebra
- CSC-100 Intro to Computers and Computing
- BIO-100 General Biology

Complete the following course:

- SOC-101 Introduction to Sociology

Complete the following courses:

COMPLETE ENG-112

- ENG-112 Speech

Diversity Elective

Complete PHL-218.

- PHL-218 Contemporary Moral Issues

Complete 1 Social Science or Humanities Elective:

Environmental Studies AS Major Requirements

Complete the following courses:

- CHP-105 Introduction to Environmental Chemistry
- ENV-103 Sustainability and Conservation
- ENV-105 Weather and Climate
- ENV-110 Introduction to Environmental Studies
- ENV-201 The Urban Environment
- ENV-205 Environmental Public Policy
- GIS-104 Introduction to Geographic Information
- SCI-101 Introduction to Physical Science

TAKE BIO-208 or GEO-111

- GEO-111 Physical Geology
- BIO-208 Ecology

ESL PROFICIENCY CERTIFICATE

English As a Second Language (Major) English (Department)

The ESL Proficiency Certificate provides an opportunity for immigrant students to enhance their employment opportunities by certifying that they possess the knowledge of Academic English and the capacity to work with an array of college texts (science, social science, and humanities). By virtue of the program design, the certificate helps students complete a number of general education courses which allow them to continue their education and work toward an Associate degree in Liberal Arts.

Requirements

ESL Proficiency Certificate Requirements

Take ENG-101.

- ENG-101 College Composition I

Complete the following courses:

COMPLETE 3 COURSES FROM SUBJECTS: COMMUNICATIONS, SOCIAL SCIENCE, TECHNOLOGY, HUMANITIES, HISTORY OR DIVERSITY

Complete the following courses:

COMPLETE 1 COURSE FROM SUBJECTS: COMMUNICATIONS, SOCIAL SCIENCE, TECHNOLOGY, HUMANITIES, HISTORY, DIVERSITY OR MATHEMATICS/SCIENCE

EXERCISE SCIENCE A.S.

Exercise Science (Major)

Nursing and Health Sciences (Department)

The Exercise Science Associate Degree program is an academic degree with the ability to transfer to a baccalaureate degree program to pursue degrees in Exercise Science, Biomechanics, Kinesiology, Health or other pre-professional programs. This program also has the option for students to sit for a national accredited Personal Training Certificate of their choice. The certificate provides students with the necessary theories and practical skills needed to sit for a national certificate exam.

Requirements

Exercise Science AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following groups:

- MAT-100 College Algebra
- BIO-111 Anatomy and Physiology I
- CSC-100 Intro to Computers and Computing

Complete PSY-101.

- PSY-101 Introduction to Psychology

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

Complete 1 Social Science or Humanities Elective.

Complete HUM-101.

- HUM-101 Cultures and Values
- THU-101 Transfer Humanities

Exercise Science As Major Requirements

Complete the following courses:

- BIO-211 Anatomy and Physiology II
- EXS-101 Intro to Exercise Science
- EXS-201 Biomechanics
- EXS-202 Exercise Physiology
- EXS-203 Exercise Measurement and Prescription
- EXS-110 Fitness Training Methods
- EXS-115 Sports Nutrition

Take 2 courses from: HLT-103, HLT-124 EXS-224, PFT-220, PFT-240

- HLT-103 Principles of First Aid
- HLT-124 Health and Wellness
- PFT-240 Personal Training Internship
- EXS-224 Principles of Athletic Injuries
- PFT-220 Advanced Personal Fitness
- PFT-240 Personal Training Internship

HEALTH INFORMATION TECHNOLOGY A.A.S.

Health Information Technology (Major)

Nursing and Health Sciences (Department)

Graduates of the program will be entering a profession that has radically changed from a paper-based health records to a new digitized environment that includes the electronic health record, medication ordering systems, and digital imaging. Health information technicians develop, implement, and manage information and data systems for quality care, reimbursement, research, planning, and evaluation organize and manage health information data ensuring the quality, accuracy, accessibility, and security of the data. They communicate with physicians and other healthcare professionals to clarify diagnoses. Although most RHITs work in hospitals, they are also found in other healthcare settings such as physician practices and nursing homes, home health agencies and public health agencies. They may also work in organizations that use patient data or health information, such as pharmaceutical companies, law practices and insurance firms. A few of the most common job titles for health information professionals include Health Information Manager, Health Information Analyst, Certified Clinical Coder, Clinical Data Analyst, Privacy Officer, Compliance Specialist, Information Systems Security Officer, Health Information Systems Trainer, and Consultant. It is anticipated that job titles will change as healthcare enterprises expand their reliance on information systems and technology. After the HIT program receives accreditation, the graduates of the program will be eligible to take the national certification examination to become a Registered Health Information Technician (RHIT).

Requirements

Health Information Tech AAS General Education Req

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-103 Technical Report Writing

Complete PSY-101 or HUM-101:

- PSY-101 Introduction to Psychology
- HUM-101 Cultures and Values

Complete CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following courses:

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II
- ENG-112 Speech

Health Information Tech AAS Major Requirements

Complete the following courses:

- MAT-109 Health Care Statistics
- MDA-106 Medical Terminology
- HLT-111 Introduction to Health Care
- HLT-210 Medical Law and Ethics
- HIT-112 Intro to Health Data Mgmt and Info Systems

- HIT-113 Clinical Classification Systems
- HIT-114 CPT/HCPCS Coding
- HIT-115 Professional Practice Experience I
- HIT-206 Health Info and Communication Technology

Complete HIT-205, HIT-215, HIT-216, HIT-225, HIT-226, HIT-227

HEALTH SCIENCE A.A.S.

Health Science (Major)

Nursing and Health Sciences (Department)

This program provides certified/licensed healthcare professionals (e.g., Pharmacy Technicians, Surgical Technicians, Licensed Practical Nurses, Ultrasound Technicians, etc.) an opportunity to earn an Associate's degree and advance in their current employment and/or continue their education to the baccalaureate level.

Requirements

Health Science AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete 1 Mathematics Elective.

MAT-100, 102, 108, 109, 110, 111, 112, 211, 212, 215

- MAT-100 College Algebra
- MAT-102 Mathematics for the Health Science
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-109 Health Care Statistics
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

ONE DIVERSITY ELECTIVE

Complete the following course:

- PSY-101 Introduction to Psychology

Health Science AAS Major Requirements

Complete the following groups:

Required Courses

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II

2 Health Science Major Electives

- ANT-101 Intro to Cultural Anthropology
- BIO-107 Human Biology
- BIO-201 Practical Nutrition
- BIO-250 Microbiology
- HLT-112 Pathophysiology
- HLT-115 Dynamics of Health Care in Society

- HLT-126 Principles of Public Health
- HLT-128 Consumer Health
- HLT-130 Global Health
- HLT-210 Medical Law and Ethics
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-218 Health Disparities in the United States
- MDA-106 Medical Terminology
- MDA-224 Pharmacology
- MDC-101 Clinical Coding I
- MDC-110 CPT/HCPCS Coding I
- MDC-120 Cpt/Hcpcs Coding II
- MDC-124 Pathopharmacology
- MDC-200 Medical Billing
- MDC-112 Clinical Coding II
- MDC-210 Health Information and Reimbursement
- PHL-218 Contemporary Moral Issues
- PNU-101 Practical Nursing: Fundamentals of
- PNU-102 Practical Nursing: Nursing Clients With
- PNU-201 Practical Nursing: Maternal Child Health
- PNU-202 Practical Nursing: Nursing Clients With
- PNU-203 Practical Nursing: Role Transition
- PSY-260 Lifespan Development
- SOC-101 Introduction to Sociology
- HLT-111 Introduction to Health Care
- HLT-103 Principles of First Aid
- HLT-126 Principles of Public Health
- HLT-128 Consumer Health
- HLT-130 Global Health
- HLT-211 Community Health
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-124 Health and Wellness
- HLT-218 Health Disparities in the United States
- HLT-110 Culture, Diversity, and Healthcare
- SOC-260 Race and Ethnic Relations

HSC Prior Certification

- HLT-999 Prior Certificate Health/Sci

HEALTH SCIENCE FULLY ONLINE A.A.S.

Health Science (Major)

Nursing and Health Sciences (Department)

This program provides certified/licensed healthcare professionals (e.g., Pharmacy Technicians, Surgical Technicians, Licensed Practical Nurses, Ultrasound Technicians, etc.) an opportunity to earn an Associate's degree and advance in their current employment and/or continue their education to the baccalaureate level.

Requirements

Health Science AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete 1 Mathematics Elective.

MAT-100, 102, 108, 109, 110, 111, 112, 211, 212, 215

- MAT-100 College Algebra
- MAT-102 Mathematics for the Health Science
- MAT-106 Mathematical Analysis I

- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-109 Health Care Statistics
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

ONE DIVERSITY ELECTIVE

Complete the following course:

- PSY-101 Introduction to Psychology

Health Science AAS Major Requirements

Complete the following groups:

Required Courses

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II

2 Health Science Major Electives

- ANT-101 Intro to Cultural Anthropology
- BIO-107 Human Biology
- BIO-201 Practical Nutrition
- BIO-250 Microbiology
- HLT-112 Pathophysiology
- HLT-115 Dynamics of Health Care in Society
- HLT-126 Principles of Public Health
- HLT-128 Consumer Health
- HLT-130 Global Health
- HLT-210 Medical Law and Ethics
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-218 Health Disparities in the United States
- MDA-106 Medical Terminology
- MDA-224 Pharmacology
- MDC-101 Clinical Coding I
- MDC-110 CPT/HCPCS Coding I
- MDC-120 Cpt/Hcpcs Coding II
- MDC-124 Pathopharmacology
- MDC-200 Medical Billing
- MDC-112 Clinical Coding II
- MDC-210 Health Information and Reimbursement
- PHL-218 Contemporary Moral Issues
- PNU-101 Practical Nursing: Fundamentals of
- PNU-102 Practical Nursing: Nursing Clients With
- PNU-201 Practical Nursing: Maternal Child Health
- PNU-202 Practical Nursing: Nursing Clients With
- PNU-203 Practical Nursing: Role Transition
- PSY-260 Lifespan Development
- SOC-101 Introduction to Sociology
- HLT-111 Introduction to Health Care
- HLT-103 Principles of First Aid
- HLT-126 Principles of Public Health
- HLT-128 Consumer Health
- HLT-130 Global Health
- HLT-211 Community Health
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-124 Health and Wellness
- HLT-218 Health Disparities in the United States
- HLT-110 Culture, Diversity, and Healthcare
- SOC-260 Race and Ethnic Relations

HSC Prior Certification

- HLT-999 Prior Certificate Health/Sci

HEALTH SCIENCE, PROFICIENCY

Health Science (Major)

Health Science and Technology (Department)

The Health Science Proficiency Certificate is an entry-level program for students who are either new to healthcare or are changing careers into healthcare and need a general understanding of the field. It is a stackable credential whereby students can continue to the AAS in Health Science.

Requirements

Gen Ed Requirements

Complete BIO-107.

- BIO-107 Human Biology

Major Requirements

Complete the following courses:

- HLT-111 Introduction to Health Care
- HLT-124 Health and Wellness
- HLT-115 Dynamics of Health Care in Society
- MDA-106 Medical Terminology

HEALTH SERVICES A.S.

Health Services (Major)

Nursing and Health Sciences (Department)

The program is designed to prepare students for all in health related degrees. Many of these health related positions are not directly involved in patient care but serve as supportive services for the health care enterprise. With the prospect of health care reform, there will be expanded needs for allied health, nursing and health related business and managerial positions.

Requirements

Health Services AS General Education Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-114 Introduction Probabilities and Statistics
- CSC-100 Intro to Computers and Computing

Complete BIO-107 or BIO-211.

- BIO-107 Human Biology
- BIO-211 Anatomy and Physiology II

Complete the following courses:

- PSY-101 Introduction to Psychology
- SOC-101 Introduction to Sociology

Complete the following requirements:

COMPLETE 1 DIVERSITY ELECTIVE

Complete ENG-112

- ENG-112 Speech

Complete 1 Humanities Elective.

Health Services AS Major Requirements**Complete the following courses:**

- BIO-120 Human Sexual Biology
- HLT-103 Principles of First Aid
- HLT-110 Culture, Diversity, and Healthcare
- HLT-111 Introduction to Health Care
- HLT-115 Dynamics of Health Care in Society
- HLT-124 Health and Wellness
- HLT-210 Medical Law and Ethics
- HLT-212 Substance Abuse and Addiction
- HLT-215 Service Learning Comm Health

TAKE HLT-211 or HLT-207

- HLT-211 Community Health
- HLT-207 Environmental Health

HEALTH SERVICES FULLY ONLINE A.S.

**Health Services (Major)
Nursing and Health Sciences (Department)**

The program is designed to prepare students for seamless transfer into baccalaureate institutions in health-related degrees. Many of these health related positions are not directly involved in patient care but serve as supportive services for the health care enterprise. With the prospect of health care reform, there will be expanded needs for allied health, nursing and health-related business and managerial positions.

Requirements**Health Services AS General Education Requirements****Complete CSS-100.**

- CSS-100 College Student Success

**Complete the following groups:
COMPLETE ENG-101**

- ENG-101 College Composition I

ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-114 Introduction Probabilities and Statistics
- CSC-100 Intro to Computers and Computing

Complete BIO-107 or BIO-211.

- BIO-107 Human Biology
- BIO-211 Anatomy and Physiology II

Complete the following courses:

- PSY-101 Introduction to Psychology
- SOC-101 Introduction to Sociology

Complete the following requirements:**COMPLETE 1 DIVERSITY ELECTIVE
Complete ENG-112**

- ENG-112 Speech

Complete 1 Humanities Elective.**Health Services AS Major Requirements****Complete the following courses:**

- BIO-120 Human Sexual Biology
- HLT-103 Principles of First Aid
- HLT-110 Culture, Diversity, and Healthcare
- HLT-111 Introduction to Health Care
- HLT-115 Dynamics of Health Care in Society
- HLT-124 Health and Wellness
- HLT-210 Medical Law and Ethics

- HLT-212 Substance Abuse and Addiction
- HLT-215 Service Learning Comm Health

TAKE HLT-211 or HLT-207

- HLT-211 Community Health
- HLT-207 Environmental Health

HEALTH SERVICES (PUBLIC HEALTH OPTION) A.S.

**Health Services Public Health (Major)
Nursing and Health Sciences (Department)**

Public Health is a dynamic field that focuses on improving and maintaining health on a population level through disease and injury prevention strategies. Public Health includes a variety of challenging disciplines such as epidemiology, biostatistics, environmental health, behavioral health, and occupational health. Health risk assessments, health screenings, health promotion programming, and surveillance of disease outbreaks are examples of public health services. Public Health professionals work within a variety of settings including state and local health departments, hospitals, workplace wellness programs, government agencies, educational institutions, research organizations, and international development agencies.

Requirements**Public Health AS General Education Requirements****Complete CSS-100.**

- CSS-100 College Student Success

**Complete the following groups:
COMPLETE ENG-101**

- ENG-101 College Composition I

ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-114 Introduction Probabilities and Statistics
- CSC-100 Intro to Computers and Computing

Complete BIO-107 or BIO-211

- BIO-107 Human Biology
- BIO-211 Anatomy and Physiology II

Complete the following courses:

- PSY-101 Introduction to Psychology
- SOC-101 Introduction to Sociology

Complete the following requirements:**COMPLETE 1 DIVERSITY ELECTIVE
Complete ENG-112**

- ENG-112 Speech

Complete 1 Humanities Elective.**Public Health AS Major Requirements****Complete the following courses:**

- HLT-110 Culture, Diversity, and Healthcare
- HLT-111 Introduction to Health Care
- HLT-126 Principles of Public Health
- HLT-128 Consumer Health
- HLT-130 Global Health
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-218 Health Disparities in the United States
- PSY-260 Lifespan Development

TAKE HLT-207 or HLT-212

- HLT-207 Environmental Health

- HLT-212 Substance Abuse and Addiction

HIGH SCHOOL - NON DEGREE

(Major)

Non Degree (Department)

HISTORY (LIBERAL ARTS) A.A.

History (Major)

History (Department)

HCCC's Associate in Arts Liberal Arts History degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in history or related subjects. The Liberal Arts program allows many options when choosing courses; students should plan carefully by researching the degree requirements of four-year institutions which interest them.

Requirements

History AA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete MAT-123.

- MAT-123 Mathematics for Liberal Arts

Complete the following groups:

COMPLETE TWO LAB SCIENCE ELECTIVE

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE SOC-101 and PSC-102

- SOC-101 Introduction to Sociology
- PSC-102 American Government

Complete 1 Diversity Elective.

Complete the following groups:

COMPLETE PHL-101

- PHL-101 Introduction to Philosophy

COMPLETE 1 LITERATURE ELECTIVE COURSE

- LIT-205 Introduction to Cultural Studies
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature
- LIT-211 African-American Literature
- LIT-212 Introduction to Latino Literature of US
- LIT-213 Women's Voices: Autobiography
- LIT-214 Intro to the Novel
- LIT-215 World Literature to 1650
- LIT-216 British Literature to 1650
- LIT-220 Science Fiction
- LIT-225 World Literature From 1650 to Present

COMPLETE ART-115 or ART-125

- ART-115 Art History I
- ART-125 Art History II

Complete the following courses:

- HIS-210 History of Western Civilization I

- HIS-211 History of Western Civilization II

History AA Major Requirements

Complete the following groups:

HIS-105 and HIS-106

- HIS-105 U.S. History I
- HIS-106 U.S. History II

1 Philosophy Elective

TAKE ONE COURSE FROM HIS-104 HIS-130 HIS-131 HIS-135 HIS-137

- HIS-104 History American Immigration and Ethnicity
- HIS-130 African-American History
- HIS-131 History of the Islamic World
- HIS-135 History of Latin America
- HIS-137 Women in American History

HISTORY FULLY ONLINE (LIBERAL ARTS) A.A.

History (Major)

History (Department)

HCCC's Associate in Arts Liberal Arts History degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in history or related subjects. The Liberal Arts program allows many options when choosing courses; students should plan carefully by researching the degree requirements of four-year institutions which interest them.

Requirements

History AA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete MAT-123.

- MAT-123 Mathematics for Liberal Arts

Complete the following groups:

COMPLETE TWO LAB SCIENCE ELECTIVE

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE SOC-101 and PSC-102

- SOC-101 Introduction to Sociology
- PSC-102 American Government

Complete 1 Diversity Elective.

Complete the following groups:

COMPLETE PHL-101

- PHL-101 Introduction to Philosophy

COMPLETE 1 LITERATURE ELECTIVE COURSE

- LIT-205 Introduction to Cultural Studies
- LIT-208 Contemporary Drama
- LIT-209 Children's Literature
- LIT-210 Latin-American Literature

- LIT-211 African-American Literature
- LIT-212 Introduction to Latino Literature of US
- LIT-213 Women's Voices: Autobiography
- LIT-214 Intro to the Novel
- LIT-215 World Literature to 1650
- LIT-216 British Literature to 1650
- LIT-220 Science Fiction
- LIT-225 World Literature From 1650 to Present

COMPLETE ART-115 or ART-125

- ART-115 Art History I
- ART-125 Art History II

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

History AA Major Requirements

Complete the following groups:

HIS-105 and HIS-106

- HIS-105 U.S. History I
- HIS-106 U.S. History II

1 Philosophy Elective

TAKE ONE COURSE FROM HIS-104 HIS-130 HIS-131 HIS-135 HIS-137

- HIS-104 History American Immigration and Ethnicity
- HIS-130 African-American History
- HIS-131 History of the Islamic World
- HIS-135 History of Latin America
- HIS-137 Women in American History

PUBLIC HEALTH - OPTION TO HEALTH SERVICES FULLY ONLINE.AS

Health Services Public Health (Major) Nursing and Health Sciences (Department)

Public Health is a dynamic field that focuses on improving and maintaining health on a population level through disease and injury prevention strategies. Public Health includes a variety of challenging disciplines such as epidemiology, biostatistics, environmental health, behavioral health, and occupational health. Health risk assessments, health screenings, health promotion programming, and surveillance of disease outbreaks are examples of public health services. Public Health professionals work within a variety of settings including state and local health departments, hospitals, workplace wellness programs, government agencies, educational institutions, research organizations, and international development agencies.

Requirements

Public Health AS General Education Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-114 Introduction Probabilities and Statistics
- CSC-100 Intro to Computers and Computing

Complete BIO-107 or BIO-211

- BIO-107 Human Biology

- BIO-211 Anatomy and Physiology II

Complete the following courses:

- PSY-101 Introduction to Psychology
- SOC-101 Introduction to Sociology

Complete the following requirements:

COMPLETE 1 DIVERSITY ELECTIVE

Complete ENG-112

- ENG-112 Speech

Complete 1 Humanities Elective.

Public Health AS Major Requirements

Complete the following courses:

- HLT-110 Culture, Diversity, and Healthcare
- HLT-111 Introduction to Health Care
- HLT-126 Principles of Public Health
- HLT-128 Consumer Health
- HLT-130 Global Health
- HLT-215 Service Learning Comm Health
- HLT-216 Healthcare Navigation
- HLT-218 Health Disparities in the United States
- PSY-260 Lifespan Development

TAKE HLT-207 or HLT-212

- HLT-207 Environmental Health
- HLT-212 Substance Abuse and Addiction

HOSPITALITY MANAGEMENT A.A.S.

Hospitality Management (Major) Culinary Arts (Department)

The program prepares students for various entry-level management positions in the food service, lodging, and gaming industries. The curriculum enables graduating students to pursue various positions, such as Front Desk Supervisor, Food Service Supervisor, Convention Services Manager, Banquet Manager, Restaurant Manager, Purchasing Agent, Housekeeping Manager, Maitre D', Hotel Sales Manager, Beverage Manager, Casino Operations Manager, Hotel Reservations Manager, Hotel Reservations Specialist, and Food Production Supervisor. A 300-hour practicum provides students with on-site training in fine restaurants and hotels.

Requirements

Hospitality Management AAS General Ed Requirement

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete 1 Social Science course.

Complete the following groups:

ENG-112 and HUM-128

- ENG-112 Speech
- HUM-128 Food and Culture

NJ GE Elective

Hospitality Management AAS Major Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- BIO-201 Practical Nutrition
- CAI-114 Tableservice I
- CAI-115 Food Sanitation and Culinary Principles
- CAI-117 Production Kitchen Skills I
- CAI-119 Bakeshop I
- CAI-118 Pantry and Breakfast Cookery
- CAI-121 Product Identification and Purchasing
- CAI-125 Externship I
- HMT-116 Restaurant Operations Management I
- CAI-223 Food, Beverage, and Labor Cost Control
- CAI-210 Menu and Facilities Design
- HMT-121 Hotel Practicum

Complete 3 Restricted Program Elective. (Contact Culinary Advisor for the list of Electives)

- ACC-121 Principles of Accounting I
- ACC-211 Computerized Accounting
- BUS-230 Business Law
- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics
- HMT-106 Culture and Geography in Tourism
- HMT-111 Introduction to Entrepreneurship
- HMT-112 Introduction to Travel and Tourism
- HMT-115 The Urban Entrepreneur
- HMT-128 Event Planning Travel and Tourism
- HMT-202 Innovation, Creativity and Marketing
- HMT-209 Tour Marketing, Sales and Promotions
- HMT-217 Franchising
- MAN-221 Marketing
- MAT-103 Business Mathematics
- MAT-114 Introduction Probabilities and Statistics

CATERING (HOSPITALITY MANAGEMENT) A.A.S.

Hospitality Management (Major) Culinary Arts (Department)

The AAS in Hospitality Management - Catering Management will prepare students for entry-level supervisory positions in the catering field, or as entrepreneurs. The program also provides the foundation for students to articulate successfully into four-year colleges or universities in pursuit of a baccalaureate degree in Hospitality Management. The new CAI facility will enable the division to incorporate a supervised hands-on learning experience through events catered on-site.

HOSPITALITY MANAGEMENT CERTIFICATE

Hospitality Management (Major) Culinary Arts (Department)

The Hospitality Management Certificate Program trains individuals for entry-level positions in the food service, lodging, and gaming industries. The curriculum enables students to pursue various positions, such as Front Desk Clerk, Food Service Worker, Convention Services Coordinator, Banquet Server, Housekeeper, Hotel Sales Coordinator, Beverage Supervisor, Hotel Reservations Specialist, and Food Production Worker. During the 300-hour hotel practicum students receive on-site training in the finest restaurants and hotels in New Jersey and the metropolitan area.

Requirements

Hospitality Management Cert. Gen Ed Requirements

Complete the following course:

- ENG-101 College Composition I

Complete the following course:

- CSC-100 Intro to Computers and Computing

Hospitality Management Cert. Major Requirements

Complete the following courses:

- HMT-110 Introduction to the Hospitality Industry
- HMT-121 Hotel Practicum
- HMT-122 Front Office Operations
- CAI-115 Food Sanitation and Culinary Principles
- CAI-121 Product Identification and Purchasing
- CAI-223 Food, Beverage, and Labor Cost Control
- HMT-104 Culinary for Hospitality
- HMT-204 Fundamentals of Wine and Food
- HMT-210 Hospitality and Travel Law
- MAN-121 Principles of Management

HOSPITALITY MANAGEMENT (ENTREPRENEURSHIP) A.A.S.

Entrepreneurship (Major) Culinary Arts (Department)

The AAS in Hospitality Management-Entrepreneurship option is designed to provide students with an introduction to the unique concepts of business ownership in the Hospitality Industry. This option will focus on how new business ventures are created. The emphasis will be on current topics within Entrepreneurship and will include: Franchising Business, Innovation, Entrepreneurial Creativity, and targeted forms of market research. The option will also offer a practical hands-on experience with Entrepreneurship including the development and theoretical implementation of a business plan.

Requirements

Hosp Mgmt Entrepreneurship AAS General Ed Req

Complete the following groups:
COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following groups:
COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

Complete 2 Social Science or Humanities Elective.

Hosp Mgmt Entrepreneurship AAS Major Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- ACC-121 Principles of Accounting I
- CAI-225 Externship III
- ECO-201 Principles of Macroeconomics
- HMT-104 Culinary for Hospitality
- HMT-110 Introduction to the Hospitality Industry
- HMT-111 Introduction to Entrepreneurship
- HMT-115 The Urban Entrepreneur
- HMT-121 Hotel Practicum
- HMT-202 Innovation, Creativity and Marketing
- HMT-217 Franchising
- HMT-210 Hospitality and Travel Law
- MAN-121 Principles of Management

Complete 2 Restricted Program Electives: CAI-206 CAI-223 ACC-211 ACC-221 BUS-230 ECO-202 HMT-106 HMT-112 HMT-116 HMT-122 HMT-128 HMT-204 HMT-206 HMT-209 HMT-213 HMT-214 HMT-215 HMT-216 MAN-221 MAN-232 MAT-100 MAT-114;

- CAI-223 Food, Beverage, and Labor Cost Control
- CAI-206 Introduction to Sustainability
- ACC-211 Computerized Accounting
- ACC-221 Principles of Accounting II
- BUS-230 Business Law
- ECO-202 Principles of Microeconomics
- HMT-106 Culture and Geography in Tourism
- HMT-112 Introduction to Travel and Tourism
- HMT-116 Restaurant Operations Management I
- HMT-122 Front Office Operations
- HMT-128 Event Planning Travel and Tourism
- HMT-204 Fundamentals of Wine and Food
- HMT-206 Information Systems in Hospitality and
- HMT-209 Tour Marketing, Sales and Promotions
- HMT-213 Principles of Hospitality Marketing
- HMT-214 Hotel Group and Convention Sales
- HMT-215 Housekeeping Management
- HMT-216 Restaurant Operations Management II
- MAN-221 Marketing
- MAN-232 Human Resource Management
- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics

HOSPITALITY MANAGEMENT (HOTEL RESTAURANT MANAGEMENT) A.A.S

Hotel Restaurant Management (Major) Culinary Arts (Department)

The AAS in Hospitality Management-Hotel and Restaurant Management option provides students with operational and supervisory skills in sales and marketing, cost controls, and planning appropriate for entry-level career employment. The focus will be on current topics within the Hotel and Restaurant industries and may include the emerging sub-fields of Spa Management, Casino and Resort Management, and Legal Issues specific to hotels and restaurants. The program will also offer a variety of practical hands-on experiences across the range of activities within the hotel and restaurant industries.

Requirements

Hosp Mgmt Hotel Restaurant Mgmt AAS Gen Ed Req

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

Complete 2 Social Science or Humanities Elective.

Hotel Restaurant Management AAS Major Req

COMPLETE CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- ACC-121 Principles of Accounting I
- HMT-116 Restaurant Operations Management I
- CAI-223 Food, Beverage, and Labor Cost Control
- HMT-104 Culinary for Hospitality
- HMT-110 Introduction to the Hospitality Industry
- MAN-121 Principles of Management
- HMT-112 Introduction to Travel and Tourism
- HMT-210 Hospitality and Travel Law
- HMT-216 Restaurant Operations Management II
- HMT-204 Fundamentals of Wine and Food
- HMT-121 Hotel Practicum
- CAI-225 Externship III

Complete 2 Restricted Program Electives: ACC-221 ACC-211 BUS-230 CAI-115 CAI-121 CAI-206 ECO-202 HMT-111 HMT-115 HMT-202 HMT-217 MAN-221 MAT-100 MAT-103 MAT-114;

- ACC-221 Principles of Accounting II
- ACC-211 Computerized Accounting
- BUS-230 Business Law
- CAI-115 Food Sanitation and Culinary Principles
- CAI-121 Product Identification and Purchasing
- CAI-206 Introduction to Sustainability
- ECO-202 Principles of Microeconomics
- HMT-111 Introduction to Entrepreneurship
- HMT-115 The Urban Entrepreneur
- HMT-202 Innovation, Creativity and Marketing
- HMT-217 Franchising
- MAN-221 Marketing
- MAT-100 College Algebra
- MAT-103 Business Mathematics
- MAT-114 Introduction Probabilities and Statistics

HOSPITALITY MANAGEMENT (TRAVEL AND TOURISM) A.A.S.

Travel and Tourism (Major) Culinary Arts (Department)

The AAS in Hospitality Management-Travel and Tourism option prepares students for entry-level operations, management, and supervisory positions within the travel and tourism industries. The degree option focuses on various components of the tourism industry such as: travel careers, culture and geography, tour marketing, event planning and information systems specific to travel and tourism. The program will also offer a variety of practical hands-on experiences across the range of activities through externship.

Requirements

Hosp Mgmt Travel AAS General Ed Requirement

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

Complete 2 Social Science or Humanities Elective.

Travel and Tourism AAS Major Requirements

Complete CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- ACC-121 Principles of Accounting I
- HMT-112 Introduction to Travel and Tourism
- HMT-110 Introduction to the Hospitality Industry
- HMT-106 Culture and Geography in Tourism
- ECO-201 Principles of Macroeconomics
- MAN-121 Principles of Management
- HMT-128 Event Planning Travel and Tourism
- HMT-210 Hospitality and Travel Law
- HMT-206 Information Systems in Hospitality and
- HMT-209 Tour Marketing, Sales and Promotions
- HMT-121 Hotel Practicum
- CAI-225 Externship III

Complete 2 Restricted Program Electives: HMT-104 HMT-122 HMT-216 HMT-204 HMT-202 HMT-111 HMT-115 HMT-116 ACC-221 ACC-211 BUS-230 CAI-115 CAI-121 CAI-206 ECO-202 MAN-221 MAT-100 MAT-103 MAT-114.

- HMT-104 Culinary for Hospitality
- HMT-122 Front Office Operations
- HMT-216 Restaurant Operations Management II
- HMT-204 Fundamentals of Wine and Food
- HMT-202 Innovation, Creativity and Marketing
- HMT-111 Introduction to Entrepreneurship
- HMT-115 The Urban Entrepreneur
- HMT-116 Restaurant Operations Management I
- ACC-221 Principles of Accounting II
- ACC-211 Computerized Accounting
- BUS-230 Business Law
- CAI-115 Food Sanitation and Culinary Principles
- CAI-121 Product Identification and Purchasing
- CAI-206 Introduction to Sustainability
- ECO-202 Principles of Microeconomics
- MAN-221 Marketing
- MAT-100 College Algebra
- MAT-103 Business Mathematics
- MAT-114 Introduction Probabilities and Statistics

HUMAN SERVICES A.A.S.

Human Services (Major) Social Services (Department)

(Program not available for new students) The Human Service Program is designed to prepare students for entry-level positions in human services in settings such as community health agencies, mental health agencies, senior programs, residential programs, rehabilitation programs, welfare and human service departments. The curriculum focuses on viewing individuals holistically, from biological, psychological, cultural and social systems perspectives. A concentration in Human Services to the Aged is available. The program includes an externship in a human services organization.

Requirements

Human Services AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups: COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following course:

- PSY-101 Introduction to Psychology

Complete the following groups: ENG-112 and SOC-260

- ENG-112 Speech
- SOC-260 Race and Ethnic Relations

ONE LAB SCIENCE ELECTIVE

Human Services AAS Major Requirements

Complete the following groups: Required Courses

- HUS-101 Intro to Human Services
- HUS-121 Helping Strategies and Relationships
- HUS-200 Group Work in Human Services
- HUS-221 Community Organization
- HUS-230 Interviewing Techniques
- HUS-231 Internship in Human Services I
- HUS-241 Internship in Human Services II
- SOC-101 Introduction to Sociology
- SOC-201 Sociology of the Family
- SOC-280 Social Research Methods

HIS-105 or PSC-102

- HIS-105 U.S. History I
- PSC-102 American Government

MAT-100 or MAT-103

- MAT-100 College Algebra
- MAT-103 Business Mathematics

PSY-211 or PSY-260

- PSY-211 Developmental Psychology I
- PSY-260 Lifespan Development

PSY-212 or PSY-280

- PSY-212 Developmental Psychology II
- PSY-280 Abnormal Psychology I

1 Humanities or Fine Arts Elective

HUMAN SERVICES (ADDICTIONS COUNSELING) A.S.

Human Services Addiction Couns (Major) Social Services (Department)

The option in Addictions Counseling provides students with the competencies needed to fulfill the educational requirements to become a Certified Alcohol and Drug Counselor. Domains of competencies include Assessment, Counseling, Case Management, Client Education, and Professional Responsibility. Through the program's curricular design, students develop an understanding of addictions, gain knowledge of the fundamental effects of addiction on the abuser and families as well as the biopsychosocial impacts of use. Students learn various counseling skills and then demonstrate them in fieldwork. Upon completion of this program, graduates have fulfilled the educational requirements to become a Certified Alcohol and Drug Counselor. Students begin to fulfill the 3000 hours of required related work experience while in the program. Students are able to find employment at Substance Abuse facilities with this degree. The proposed option in Addictions Counseling also prepares graduates for transfer to a senior institution to complete a baccalaureate degree in Human Services/Social Work or related field.

Requirements

Human Services - Pre-Social Work AS Gen Educ Req

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Complete the following courses:

TAKE BIO-107 or BIO-111

- BIO-107 Human Biology
- BIO-111 Anatomy and Physiology I

Complete CSC-100

- CSC-100 Intro to Computers and Computing

Complete 1 Math Elective: MAT-100 MAT-114 or MAT-123.

RECOMMENDED: MAT-114 INTRO TO STAT and PROBABILITY

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- TMA-101 Transfer Mathematics

Complete the following courses:

- PSY-101 Introduction to Psychology

Complete the following courses:

- HIS-105 U.S. History I
- HUM-101 Cultures and Values

Complete SOC-101 and ENG-112.

- SOC-101 Introduction to Sociology
- ENG-112 Speech

Human Services - Pre-Social Work AS Major Req

Complete the following courses:

- HUS-101 Intro to Human Services
- HUS-121 Helping Strategies and Relationships
- HUS-123 Introduction to Addictions
- HUS-133 Counseling Theory and Techniques
- HUS-143 Addictions Counseling
- HUS-153 Recovery in Addictions
- HUS-163 Assm and Treatment in Addictions
- HUS-231 Internship in Human Services I
- HUS-251 Practicum in Addiction Counseling

HUMAN SERVICES FOR THE AGED (HUMAN SERVICES) A.A.S.

**Human Services for the Aged (Major)
Social Services (Department)**

Requirements

Human Services/Aged AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following course:

- SOC-101 Introduction to Sociology

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

ONE SCIENCE ELECTIVE

Human Services to the Aged AAS Major Requirements

Complete the following groups:

Required Courses

- HUS-101 Intro to Human Services
- HUS-121 Helping Strategies and Relationships
- HUS-210 Human Services and the Aged
- HUS-230 Interviewing Techniques
- HUS-231 Internship in Human Services I
- HUS-241 Internship in Human Services II
- INTD-200 Death and the Human Experience
- PSY-101 Introduction to Psychology
- PSY-212 Developmental Psychology II
- SOC-200 Intro to Gerontology
- SOC-201 Sociology of the Family
- SOC-280 Social Research Methods

HUS-200 or HUS-221

- HUS-200 Group Work in Human Services
- HUS-221 Community Organization

HIS-105 or PSC-102

- HIS-105 U.S. History I
- PSC-102 American Government

MAT-100 or MAT-103

- MAT-100 College Algebra
- MAT-103 Business Mathematics

HUMAN SERVICES/PRE-SOCIAL WORK A.S.

Human Services (Major)

Social Sciences (Department)

The Human Services Program combines coursework in the social sciences, primarily sociology and psychology, with courses in human services to prepare students to work with clientele to cope with and/or prevent social and personal problems. Human Service professionals perform in a wide range of occupations and in a variety of settings including schools, group homes, community mental health facilities, nursing homes, rehabilitation centers, hospitals, halfway houses and substance abuse program facilities. They help individuals, families, or groups cope with social problems such as inadequate housing, unemployment, disabilities, financial mismanagement, family disruptions, unplanned or unwanted pregnancy, serious illness and substance abuse. Students who complete the Human Services degree program will qualify for employment as Human Service assistants in many agencies. They will also meet the prerequisites for admission to the Bachelor's of Social Work at senior institutions.

Requirements

Human Services - Pre-Social Work AS Gen Educ Req

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Complete the following courses:**TAKE BIO-107 or BIO-111**

- BIO-107 Human Biology
- BIO-111 Anatomy and Physiology I

Complete CSC-100

- CSC-100 Intro to Computers and Computing

Complete 1 Math Elective form: MAT-100, MAT-114, MAT-123"**RECOMMENDED: MAT-114 INTRO TO STAT and PROBABILITY.**

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- TMA-101 Transfer Mathematics

Complete the following courses:

- PSY-101 Introduction to Psychology

Complete the following courses:

- HUM-101 Cultures and Values

Complete the following requirement:

- SOC-101 Introduction to Sociology

Complete the following requirements:

- ENG-112 Speech
- HIS-105 U.S. History I

Human Services - Pre-Social Work AS Major Req**Complete the following courses:**

- HUS-101 Intro to Human Services
- HUS-121 Helping Strategies and Relationships
- HUS-200 Group Work in Human Services
- HUS-230 Interviewing Techniques
- HUS-231 Internship in Human Services I
- HUS-241 Internship in Human Services II
- PSC-102 American Government

COMPLETE SOC-201 or SOC-280

- SOC-201 Sociology of the Family
- SOC-280 Social Research Methods

COMPLETE 1 COURSE FROM: PSY-211, 212, 260 or 280

- PSY-211 Developmental Psychology I
- PSY-212 Developmental Psychology II
- PSY-260 Lifespan Development
- PSY-280 Abnormal Psychology I

HUMAN SERVICES-SOCIAL JUSTICE ADVOCACY OPTION, A.S.

Human Services Social Justice (Major) Hum/Soc (Department)

The Human Services-Social Justice Advocacy Degree Option provides an interdisciplinary program that allows students to gain knowledge to ensure access, equity, and diversity in their future professions, within their future agencies, and in their communities. Safer and inclusive practices can transform communities in rural, suburban, and urban areas. Each social justice-focused course challenges participants to examine their personal biases and to develop social justice outcomes at the end of each class. Furthermore, the required internship course for this program provides students with the necessary skillset in networking and building professional partnerships. Students with an A.S. in Human Services-Social Justice Advocacy Option can transfer to 4-year degree program in Social Work, and pursue graduate studies in Social Work or Counseling. The required internship course in this degree option, coupled with classes in community health, psychology, and sociology assist

graduates in expanding and deepening their critical thinking in preparation for careers in the helping profession.

Requirements**Human Services-Social Justice Advoc Gen Educ Req****Complete CSS-100**

- CSS-100 College Student Success

Complete the following courses:**Complete ENG-101**

- ENG-101 College Composition I

Complete ENG-102

- ENG-102 College Composition II

Complete the following courses:**TAKE BIO-107 or BIO-111**

- BIO-107 Human Biology
- BIO-111 Anatomy and Physiology I

TAKE MAT-100 or MAT-114

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics

Complete CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following courses:

- SOC-101 Introduction to Sociology

Complete the following courses:

- HIS-105 U.S. History I

#take psy-101;

- PSY-101 Introduction to Psychology

Complete HUM-101 and ENG-112.

- HUM-101 Cultures and Values
- ENG-112 Speech

Human Services-Social Justice Advoc Major Requ**Complete the following courses:**

- HUS-101 Intro to Human Services
- HUS-121 Helping Strategies and Relationships
- HUS-221 Community Organization
- HUS-231 Internship in Human Services I
- INTD-110 Introduction to Advocacy
- INTD-270 Restorative and Social Justice
- INTD-275 Restorative and Soc Just Fieldwork
- SOC-260 Race and Ethnic Relations
- PSC-102 American Government

TAKE 1 COURSE FROM THE FOLLOWING: INTD-235 ECO-201 HLT-110 PSY-211 PSY-260 PSY-280 or HIS-106

- INTD-235 Exploring Multicultural Studies
- ECO-201 Principles of Macroeconomics
- HLT-110 Culture, Diversity, and Healthcare
- PSY-211 Developmental Psychology I
- PSY-260 Lifespan Development
- PSY-280 Abnormal Psychology I
- HIS-106 U.S. History II

PROF. DEV. CERT. IN INFANT/TODDLER CHILD DEV. ASSOC. (CDA)

Infant/Toddler Child Dev (Major) Early Childhood Development (Department)

This program will provide the necessary professional development (120 class hours) for those interested in pursuing this entry-level position. By obtaining the Infant/Toddler CDA Credential, these candidates will be eligible to work as a caregiver in an Infant/Toddler setting, with infants and toddlers from birth to thirty-six months. The 120-hour Infant/Toddler Field Experience will provide practical, on-site experience working with children of this age. This will prepare the candidate for the final review with the Professional Specialist who conducts the final assessment for the Council for Professional Recognition, the national organization that awards the credential.

INFANT/TODDLER EDUCATION (LIBERAL ARTS) A.A.

Early Childhood Education (Major) Early Childhood Development (Department)

This program provides the necessary coursework for those interested in pursuing a Baccalaureate degree in Early Childhood, with a concentration in Infant and Toddler. By obtaining an Associate's Degree in Infant/Toddler, the graduates are qualified to work as early educators/caregiver in an Infant/Toddler setting, with children from birth to thirty-six months. This program is designed using NAEYC (National Association for the Education of Young Children) Standards, which provides a common national framework for all early childhood professional development systems and programs.

Requirements

Infant/Toddler Education AA General Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-102 College Composition II
- ENG-112 Speech

Complete the following courses:

CSC-100, BIO-100 and BIO-107

- CSC-100 Intro to Computers and Computing
- BIO-100 General Biology
- BIO-107 Human Biology

Complete 1 Mathematics Elective.

TAKE MAT-100 or MAT-123

- MAT-100 College Algebra
- MAT-123 Mathematics for Liberal Arts

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete 1 Diversity Elective:

- INTD-235 Exploring Multicultural Studies

Complete the following history courses:

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete the following Humanities Electives:

TAKE HUM-101

- HUM-101 Cultures and Values

TAKE 2 HUMANITIES ELECTIVES

Infant/Toddler Education AA Major Requirements

Complete the following courses:

ECE-201 or CDI-100

- ECE-201 Intro to Early Childhood Educ
- CDI-100 Infant/Toddler CDA Workshop I

TAKE ECE-211 or CDI-110

- ECE-211 Early Childhood Curriculum
- CDI-110 Infant/Toddler CDA Workshop II

TAKE ECE-231 or CDI-120

- ECE-231 Early Childhood Edu Extern I
- CDI-120 Field Experience Infant/Toddler Setting

TAKE ECE-224 or ECE-225

- ECE-224 Infant Toddler Social Emotional Growth
- ECE-225 Infant/Toddler Health and Special Needs

TAKE CLINICAL EXPERIENCE

- EDU-221 Clinical Experience

LEGAL ASSISTING A.A.S

Legal Assisting (Major) Social Services (Department)

(Not available for new students) The Legal Assisting Program prepares individuals for employment as paralegals or further legal studies. Graduates are qualified to assist lawyers in the following areas: drafting legal documents; summarizing and processing information in litigation and office practice; performing legal research and writing; managing the law office and supervising support staff. Legal assistants work in a variety of settings, including law offices, government agencies, banks, insurance companies, and institutions that have legal departments or perform such duties. The program includes an externship in a law practice.

Requirements

Legal Assisting AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following course:

- PSY-101 Introduction to Psychology

Complete the following courses:

COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

ONE SCIENCE ELECTIVE

Legal Assisting AAS Major Requirements

Complete the following groups:

Required Courses

- BUS-230 Business Law
- LGA-100 Introduction to Law
- LGA-111 Role of Legal Assistant
- LGA-112 Civil Litigation
- LGA-113 Real Property
- LGA-115 Computers for Paralegals
- LGA-212 Research and Writing for the Legal

- LGA-204 Family Law
- LGA-205 Trusts and Estates
- LGA-211 Criminal Law and Procedures
- LGA-231 Legal Assisting Externship I
- LGA-241 Legal Assisting Externship II
- MAT-103 Business Mathematics
- MAN-121 Principles of Management

PSC-101 or PSC-102

- PSC-101 Introduction to Political Science
- PSC-102 American Government

LIBERAL ARTS - GENERAL A.A.

Liberal Arts (Major) Humanities (Department)

HCCC's Associate in Arts General degree program prepares students for transfer to a four-year college after completing two years of undergraduate coursework at HCCC. Graduating students may advance to many different majors, for instance, in the social sciences, humanities, business or education. The Liberal Arts program allows many options when choosing courses; students should plan carefully by researching the degree requirements of four-year colleges which interest them.

Requirements

Liberal Arts AA General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Mathematics Elective from: "MAT-100, 110, 111, 112, 114, 123, 211, 212, 215".

RECOMMENDED: MAT-123 MATH FOR LIBERAL ARTS

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- TMA-101 Transfer Mathematics
- MAT-215 Linear Algebra

Complete the following groups:

TWO LAB SCIENCE ELECTIVE, 4 CREDITS

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete 2 Social Science Electives.

Complete 1 Diversity Elective.

Complete 3 Humanities Electives.

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Liberal Arts AA Major Requirements

Complete the following groups:

1 Literature Elective

1 Fine Arts Elective

1 Course from Humanities, Social Science or Diversity 200 LEVEL

Complete a two course sequence in Modern Languages or 1 courses in Humanities, Social Science, Fine Art, Science or Math.

Complete one course from Humanities, Social Science Fine Arts, Modern Language, Science or Math

LIBERAL ARTS GENERAL (FULLY ONLINE) A.A.

Liberal Arts (Major) Humanities (Department)

HCCC's Associate in Arts General degree program prepares students for transfer to a four-year college after completing two years of undergraduate coursework at HCCC. Graduating students may advance to many different majors, for instance, in the social sciences, humanities, business or education. The Liberal Arts program allows many options when choosing courses; students should plan carefully by researching the degree requirements of four-year colleges which interest them.

Requirements

Liberal Arts AA General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Mathematics Elective from: "MAT-100, 110, 111, 112, 114, 123, 211, 212, 215".

RECOMMENDED: MAT-123 MATH FOR LIBERAL ARTS

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- TMA-101 Transfer Mathematics
- MAT-215 Linear Algebra

Complete the following groups:

TWO LAB SCIENCE ELECTIVE, 4 CREDITS

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete 2 Social Science Electives.

Complete 1 Diversity Elective.

Complete 3 Humanities Electives.

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Liberal Arts AA Major Requirements

Complete the following groups:

1 Literature Elective

1 Fine Arts Elective

1 Course from Humanities, Social Science or Diversity 200 LEVEL

Complete a two course sequence in Modern Languages or 1 courses in Humanities, Social Science, Fine Art, Science or Math.

Complete one course from Humanities, Social Science Fine Arts, Modern Language, Science or Math

MANAGEMENT A.A.S.

Management (Major)

Management (Department)

The career-oriented A.A.S. Management program trains individuals for entry-level managerial positions in public or private sector organizations, preparing students for positions such as administrative assistant, management trainee, branch manager, small business manager, office manager, or supervisor.

Requirements

Management AAS General Educ Requirements

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- CSC-100 Intro to Computers and Computing
- MAT-111 Calculus I

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

COMPLETE ONE DIVERSITY ELECTIVE

COMPLETE CHP-111

- CHP-111 College Chemistry I

Complete 1 Social Science or Humanities Elective.

Management AAS Major Requirements

COMPLETE CSS-100.

- CSS-100 College Student Success

Complete the following courses:

- ACC-121 Principles of Accounting I
- ACC-221 Principles of Accounting II
- BUS-230 Business Law
- ECO-201 Principles of Macroeconomics
- ECO-202 Principles of Microeconomics
- ENG-211 Business Communications
- MAN-121 Principles of Management
- MAN-221 Marketing
- MAT-103 Business Mathematics
- MAT-114 Introduction Probabilities and Statistics

COMPLETE MAT-100 or HMT-111.

- MAT-100 College Algebra
- HMT-111 Introduction to Entrepreneurship

MATHEMATICS (SCIENCE AND MATHEMATICS) A.S.

Mathematics (Major)

Mathematics (Department)

Graduates of this Associate in Science program with concentration in Mathematics transfer to four-year colleges and universities to complete bachelor's degrees in mathematics or related subjects requiring a strong background in mathematics and natural sciences.

Requirements

Mathematics AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- CHP-111 College Chemistry I
- PHY-111 Engineering Physics I
- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

ONE DIVERSITY ELECTIVE

Complete 1 Social Science Elective.

Complete 1 Humanities Elective.

Complete 1 Social Science or Humanities Elective.

Mathematics AS Major Requirements

Complete the following groups:

- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra
- PHY-211 Engineering Physics II
- PHY-212 Engineering Physics III

MEDICAL ASSISTING A.A.S.

Medical Assisting (Major)

Nursing and Health Sciences (Department)

The Medical Assisting Program prepares individuals to become multi-skilled practitioners qualified to provide clinical and administrative health care services under the supervision of a physician. Medical Assistants practice in a variety of clinical settings such as physicians' offices, clinics, and ambulatory care facilities. While some course requirements may be completed through day or evening classes, other courses, such as the externship, must be completed during the day. In addition to the regular admission procedure required by HCCC, the applicant must submit proof of good health by having a complete physical examination including specified laboratory procedures. Students are responsible for purchasing uniforms and shoes and paying transportation costs to externship sites. Students must also maintain professional liability insurance while on externship. Students are not compensated by the health care facilities to which they are assigned during their externship and do not replace any permanent employee. Some courses may be offered only once during an academic year. Please

check with the Program Coordinator as to the availability of courses. Upon completion of the Medical Assisting Program, students are qualified to take the The Certified Clinical Medical Assistant Certification Exam (CCMA) that is offered through the National Healthcareer Association (NHA), a credential that is required by the State of New Jersey for the performance of subcutaneous and intramuscular injections. Individuals who have been found guilty of, or pleaded guilty to, a felony are not eligible to take the examination.

Requirements

Medical Assisting AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102 or ENG-103

- ENG-102 College Composition II
- ENG-103 Technical Report Writing

Complete the following course:

- CSC-100 Intro to Computers and Computing

Complete the following course:

- HUM-101 Cultures and Values

Complete the following courses:

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II

Medical Assisting AAS Major Requirements

Complete the following courses:

Required Courses

- MDA-106 Medical Terminology
- MDA-113 Clinical Office Procedures I
- MDA-114 Medical Office Procedures I
- MDA-211 Clinical Office Procedures II
- MDA-214 Medical Office Procedures II
- MDA-224 Pharmacology
- MDA-231 Medical Assisting Externship
- HLT-110 Culture, Diversity, and Healthcare
- HLT-112 Pathophysiology
- HLT-115 Dynamics of Health Care in Society
- HLT-210 Medical Law and Ethics
- MAT-102 Mathematics for the Health Science
- PSY-101 Introduction to Psychology

MEDICAL BILLING AND CODING CERTIFICATE

Medical Coding (Major)

Nursing and Health Sciences (Department)

The academic certificate program in medical coding will provide students with knowledge and competencies required for entry-level medical coding positions in hospitals, ambulatory centers, and physician-based settings. Graduates of the program will have the competencies in diagnostic and procedural classifications and terminologies, health record documentation, data privacy, revenue management, computer applications, clinical documentation improvement, and the life sciences.

Requirements

Medical Coding Cert General Education Requirements

Complete the following course:

- ENG-101 College Composition I

Complete the following course:

- BIO-107 Human Biology

Medical Coding Certificate Major Requirements

Complete the following courses:

- HLT-210 Medical Law and Ethics
- MDA-106 Medical Terminology
- MDC-101 Clinical Coding I
- MDC-110 CPT/HCPCS Coding I
- MDC-112 Clinical Coding II
- MDC-120 Cpt/Hcpcs Coding II
- MDC-124 Pathopharmacology
- MDC-210 Health Information and Reimbursement
- MDC-200 Medical Billing

MEDICAL SCIENCE - PRE PROFESSIONAL A.S.

Medical Sciences (Major)

Nursing and Health Sciences (Department)

The Associate in Science in Medical Sciences is a Pre-Professional degree that prepares students for transfer to baccalaureate degree programs that will lead to careers in allied health care fields. The program is designed as a pathway to further study in a variety of health care and/or pre-medical specialized fields such as pre-physical therapy, pre-physician assistant or pre-pharmacy. Through required coursework, students gain the necessary knowledge and skills for admission into allied health care programs.

Requirements

Medical Science Pre-Prof As Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

- ENG-102 College Composition II

Complete the following courses:

- MAT-110 Precalculus
- BIO-111 Anatomy and Physiology I
- CSC-100 Intro to Computers and Computing

Complete the following groups:

COMPLETE ENG-112 and PSY-101

- ENG-112 Speech
- PSY-101 Introduction to Psychology

Complete 1 Social Science or Humanities course:

TAKE 1 HUMANITIES OR SOCIAL SCIENCE ELECTIVES

Complete 1 Humanities Elective.

TAKE 1 HUMANITIES COURSE

Complete the following:

TAKE 1 DIVERSITY COURSE FROM: ANT-101 HUM-101 or SOC-260

- ANT-101 Intro to Cultural Anthropology
- HUM-101 Cultures and Values
- SOC-260 Race and Ethnic Relations

Required Courses

Complete the following courses:

- BIO-115 Principles of Biology I
- BIO-116 Principles of Biology II
- BIO-211 Anatomy and Physiology II

- HLT-210 Medical Law and Ethics

COMPLETE BIO-250 or PHY-113

- BIO-250 Microbiology
- PHY-113 Physics I

Complete 1 Group:**PRE-MEDICINE/PHARMACY TAKE CHP-111 and CHP-211**

- CHP-111 College Chemistry I
- CHP-211 College Chemistry II

PRE-PHYSICAL THERAPY/PRE-ATHLETIC TRAINER TAKE EXS-101 HLT-111 and EXS-203

- EXS-101 Intro to Exercise Science
- HLT-111 Introduction to Health Care
- EXS-203 Exercise Measurement and Prescription

PRE-HEALTH SCIENCES TAKE MDA-106 HLT-112 and HLT-111

- MDA-106 Medical Terminology
- HLT-112 Pathophysiology
- HLT-111 Introduction to Health Care

**MEDICAL SCIENCES - PRE PROFESSIONAL-
PRE NURSING OPTION A.S.**

Medical Sciences (Major)**Nursing and Health Sciences (Department)**

The Associate in Science in Medical Sciences Pre-Professional Option in Pre-Nursing degree prepares students for transfer to associate and/or baccalaureate degree programs that will lead to careers in nursing.

Requirements**Medical Science Pre-Prof- PRENSG Ed Requ****Complete CSS-100**

- CSS-100 College Student Success

Complete the following groups:**COMPLETE ENG-101**

- ENG-101 College Composition I
- ENG-102 College Composition II

Complete the following courses:

- BIO-111 Anatomy and Physiology I
- CSC-100 Intro to Computers and Computing

COMPLETE MAT-100 or MAT-114

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics

Complete the following groups:**COMPLETE ENG-112 and PSY-101**

- ENG-112 Speech
- PSY-101 Introduction to Psychology

Complete 1 Social Science or Humanities course:**TAKE 1 HUMANITIES OR SOCIAL SCIENCE ELECTIVES****Complete 1 Humanities Elective.****TAKE 1 HUMANITIES COURSE****Complete the following:**

- PSY-260 Lifespan Development

Required Courses**Complete the following courses:**

- BIO-115 Principles of Biology I
- BIO-116 Principles of Biology II
- BIO-211 Anatomy and Physiology II

- BIO-250 Microbiology
- HLT-210 Medical Law and Ethics

Complete the following:**TAKE 3 COURSES FROM MDA-106 MDA-224 HLT-112 HLT-110 OR
CHP-100 OR HIGHER**

- MDA-106 Medical Terminology
- MDA-224 Pharmacology
- HLT-112 Pathophysiology
- HLT-110 Culture, Diversity, and Healthcare
- CHP-100 Introduction to Chemistry
- CHP-105 Introduction to Environmental Chemistry
- CHP-111 College Chemistry I
- CHP-201 Environmental Chemistry
- CHP-211 College Chemistry II
- CHP-225 Organic Chemistry I
- CHP-230 Organic Chemistry II

NON-MATRICULATION

(Major)**Non Degree (Department)**

**NEW PATHWAYS TO TEACHING IN NEW
JERSEY**

(Major)**Continuing Education (Department)**

NURSING A.S.

Nursing (Major)**Nursing (Department)**

The Nursing Program includes a theoretical base of general education and science courses together with a range of nursing theory and practical course designed to prepare graduates to be eligible for the state licensure examination for Registered Nurses (NCLEX-RN). Graduates of the Nursing Program must pass the National Council of State Boards of Nursing Licensure Examination for Registered Nurses in order to practice nursing. Students who successfully complete this program will be awarded an Associate in Science Degree, Nursing from Hudson County Community College. Graduates of the Program may enter into upper division BSN Nursing programs through articulation agreements at many four-year institutions. The HCCC Nursing Program has a joint admission agreement with the Nursing Program at New Jersey City University.

Requirements**Nursing AS Gen Educ Requirements****Complete CSS-100**

- CSS-100 College Student Success

Complete the following groups:**COMPLETE ENG-101**

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete MAT-100 or MAT-114.

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- TMA-101 Transfer Mathematics

Complete the following courses:

- BIO-111 Anatomy and Physiology I

- CSC-100 Intro to Computers and Computing

Complete the following course:

- PSY-101 Introduction to Psychology

Complete 1 course: ANT-101, HUM-101, HUM-128, SOC-260

- ANT-101 Intro to Cultural Anthropology
- HUM-101 Cultures and Values
- HUM-128 Food and Culture
- SOC-260 Race and Ethnic Relations
- TMU-101 Transfer Multicultural Electiv
- TDV-101 Transfer Diversity

Complete the following course:

- PSY-260 Lifespan Development

Complete the following courses:

- ENG-112 Speech
- BIO-250 Microbiology

Nursing AS Major Requirements

Complete the following courses:

- BIO-211 Anatomy and Physiology II
- NSG-110 Nursing I
- NSG-120 Nursing II
- NSG-210 Nursing III
- NSG-220 Nursing IV
- NSG-240 Nursing Leadership

PARAMEDIC SCIENCE A.A.S.

**Paramedic Science (Major)
Nursing and Health Sciences (Department)**

This program is offered as collaboration between Hudson County Community College and the Jersey City Medical Center and is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). The program is designed for the post-secondary certified Emergency Medical Technician (EMT) who wishes to further his or her education and/or career opportunities. The program consists of general education and basic sciences at Hudson County Community College and a professional Paramedic Science component at Jersey City Medical Center. The professional curriculum consists of lecture and laboratory courses and practical, hands-on experience at the program's affiliated clinical laboratory sites. The clinical experiences allow the graduate a smooth transition into the fast paced, patient-centered environment of a modern emergency medical system. Commission on Accreditation of Allied Health Education Programs 25400 US Highway 19 N, Suite 158 Clearwater, FL 33763 727-210-2350 www.caahep.org To contact CoAEMSP: 8301 Lakeview Parkway, Suite 111-312 Rowlett TX 75088 (214) 703-8445 FAX (214)703-8992 www.coaemsp.org

Requirements

Paramedic Science AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 or ENG-103 or ENG-112 or COM-101

- ENG-102 College Composition II
- ENG-103 Technical Report Writing
- ENG-112 Speech

- COM-101 Interpersonal Communication

Complete the following course:

TAKE MAT-102 (PREFERRED) OR MAT-100 or MAT-110 or MAT-111 or MAT-114

- MAT-102 Mathematics for the Health Science
- MAT-100 College Algebra
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-114 Introduction Probabilities and Statistics

Complete the following course:

TAKE PSY-101 or HUM-101

- PSY-101 Introduction to Psychology
- HUM-101 Cultures and Values

TAKE BIO-111 BIO-211.

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II

Paramedic Science AAS Major Requirements

EMT - Basic Certification

- EMT-990 EMT Basic Certification

Complete the following courses:

- HLT-210 Medical Law and Ethics
- EMT-101 Intro to Pre-Hospital Emergency Care
- EMT-110 Pre-Hosp Medical Emergencies
- EMT-120 Pharmacological Intervention
- EMT-124 Paramedic Clinical Practicum I
- EMT-220 Emergency Cardiac Care
- EMT-230 Special Populations in Pre-Hospital Care
- EMT-235 Paramedic Clinical Practicum II
- EMT-240 Pre Hospital Shock/Trauma Management
- EMT-245 Pre-Hospital Special Operations
- EMT-248 Paramedic Clinical Practicum III
- EMT-250 Paramedic Field Internship
- EMT-252 Paramedic Clinical Capstone

PERSONAL FITNESS TRAINER, PROFICIENCY CERTIFICATE

(Major)

Nursing and Health Sciences (Department)

The proficiency certificate in Personal Fitness Training prepares students for the entry-level workforce in the fitness industry, including commercial and clinical settings such as health clubs, corporate fitness centers, personal training, health promotion, program management and personal coaching. The program provides a knowledge base in scientific principles and requires the development of basic skills in exercise assessment. Prescription and programing in healthy populations, performance enhancement, nutritional principles applied to exercise and sports, patient/client interpersonal relations and professional ethics and behavior within a safe practice format, prepare graduates to sit for a national certification in Personal Training from the NASM-National Academy of Sports Medicine, Additional certificates in First Aid and CPR are available through their coursework.

Requirements

Personal Fitness Trainer

COMPLETE THE FOLLOWING COURSES:

- EXS-115 Sports Nutrition
- EXS-110 Fitness Training Methods
- PFT-202 Program Design and Implementation
- PFT-220 Advanced Personal Fitness
- PFT-240 Personal Training Internship

PHYSICS (SCIENCE AND MATHEMATICS) A.S.

Physics (Major) Science (Department)

Graduates of the Associate in Science in Physics transfer to four-year colleges and universities to complete bachelor's degrees in physics or related subjects requiring a strong background in physics, other natural sciences, and mathematics.

Requirements

Physics AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- MAT-111 Calculus I
- MAT-112 Calculus II
- CSC-100 Intro to Computers and Computing

Complete 4 credits Science Electives

- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II
- BIO-115 Principles of Biology I
- BIO-116 Principles of Biology II
- BIO-208 Ecology
- BIO-230 Histology
- GEO-111 Physical Geology

Complete the following groups:

COMPLETE ENG-112

- ENG-112 Speech

Complete 1 Social Science Elective.

Complete 1 Humanities Elective.

Complete 1 Social Science or Humanities Elective.

Physics AS Major Requirements

Complete the following courses:

- CSC-101 Scientific Programming
- MAT-211 Calculus III
- MAT-212 Differential Equations
- PHY-111 Engineering Physics I
- PHY-211 Engineering Physics II
- PHY-212 Engineering Physics III

Complete 1 Program Restricted Elective course.

TAKE 1 COURSE FROM: MAT-114 CSC-115 CSC-117 or CSC-118

- MAT-114 Introduction Probabilities and Statistics
- CSC-115 Programming in C++ for Comp Science
- CSC-117 Java Programming
- CSC-118 Python Programming

PRACTICAL NURSING CERTIFICATE

Practical Nursing (Major) Nursing (Department)

This certificate program prepares students for careers as Licensed Practical Nurses. Graduates will participate in the planning, implementation and evaluation of caring interventions in a variety of health care settings under the direction of a registered nurse or physician. Responsibilities may include case finding, reinforcing

patient and family teaching programs through health teaching, health counseling, and provision of supportive and restorative care. Students must complete a program application, and admission examination, as well as successfully complete both English Composition I and Math for the Health Sciences. Health screening and criminal background check are also required. Graduates of the Practical Nursing Program must pass the National Council of State Boards of Nursing Licensure Examination for Practical Nursing in order to practice as a licensed practical nurse.

Requirements

Practical Nursing Certificate Gen Ed Requirements

Complete the following course:

- ENG-101 College Composition I

Complete the following course:

- MAT-102 Mathematics for the Health Science

Practical Nursing Certificate Major Requirements

Complete the following courses:

- PNU-101 Practical Nursing: Fundamentals of
- PNU-102 Practical Nursing: Nursing Clients With
- PNU-201 Practical Nursing: Maternal Child Health
- PNU-202 Practical Nursing: Nursing Clients With
- PNU-203 Practical Nursing: Role Transition
- PNU-204 Practical Nursing Capstone
- PSY-101 Introduction to Psychology

Complete BIO-107 or BIO-211:

- BIO-211 Anatomy and Physiology II
- BIO-107 Human Biology

NURSING PENDING A.S.

Nursing (Major) Nursing (Department)

The Pre-Nursing Program includes a theoretical base of general education and science courses offered at HCCC. Admission Requirements: Candidates for admission to the program must have a high school diploma or GED, high school chemistry (or take CHP 100 Introduction to Chemistry at HCCC), must pass the Nursing entrance examinations, physical exam and drug screen. In addition, prior to clinical courses, students will be required to complete a criminal background check.

Requirements

Nursing Pending AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete MAT-100 or MAT-114:

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- TMA-101 Transfer Mathematics

Complete BIO-111 CHP-100 and CSC-100:

- CHP-100 Introduction to Chemistry
- BIO-111 Anatomy and Physiology I
- CSC-100 Intro to Computers and Computing

Complete the following course:

- PSY-101 Introduction to Psychology

Complete 1 course: ANT-101, HUM-101, HUM-128, SOC-260

- ANT-101 Intro to Cultural Anthropology
- HUM-101 Cultures and Values
- HUM-128 Food and Culture
- SOC-260 Race and Ethnic Relations
- TDV-101 Transfer Diversity
- TMU-101 Transfer Multicultural Electiv

Complete the following course:

- PSY-260 Lifespan Development

Complete the following courses:

- ENG-112 Speech
- BIO-250 Microbiology

Nursing Pending AS Major Requirements**Complete the following course:**

MUST ALSO COMPLETE NURSING/CLINICAL COURSES - *YOU CANNOT GRADUATE WITH THIS MAJOR*

- BIO-211 Anatomy and Physiology II

PROF. DEV. CERT. IN PRESCHOOL CHILD DEV. ASSOC. (CDA)

Preschool Child Dev (Major) Early Childhood Development (Department)

This program will provide the necessary professional development (120 class hours) for those interested in pursuing this entry-level position. By obtaining the Preschool CDA Credential, these candidates will be eligible to work as a Group Teacher in a Preschool setting, with children from 3 to 5 years old. The 120-hour Field Experience in a Preschool Setting will provide practical, on-site experience working with children of this age. This will prepare the candidate for the final review, by a Professional Specialist, assigned by The Council for Professional Recognition to conduct the final assessment.

PSYCHOLOGY (LIBERAL ARTS) A.A.

Psychology (Major) Social Services (Department)

HCCC's Associate in Arts Liberal Arts Psychology degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in psychology or related subjects. The Liberal Arts program allows many options when choosing courses; students should plan carefully for the future by researching the degree requirements of four-year institutions which interest them.

Requirements**Psychology Liberal Arts AA Gen Educ Requirements****Complete CSS-100**

- CSS-100 College Student Success

Complete the following groups:**COMPLET ENG-101**

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Math Electives from: MAT-100, 110, 111, 112, 123, 211, 212, 215.

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:**COMPLETE TWO LAB SCIENCE ELECTIVE
CSC-100**

- CSC-100 Intro to Computers and Computing

Complete the following courses:

- SOC-101 Introduction to Sociology
- PSY-101 Introduction to Psychology

Complete 1 Diversity Elective.**Complete the following course:**

- PHL-101 Introduction to Philosophy

Complete 2 Humanities Electives.**Complete the following courses:**

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Psychology Liberal Arts AA Major Requirements**Complete the following courses:**

- PSY-121 Psychological Methods and Applications
- MAT-114 Introduction Probabilities and Statistics

Complete 2 Major Electives - PSY-211,216,260,270,280:**TAKE 2 COURSES FROM PSY-216 PSY-280 or PSY-211 or PSY-260**

- PSY-211 Developmental Psychology I
- PSY-216 Theories of Personality
- PSY-260 Lifespan Development
- PSY-280 Abnormal Psychology I

PSYCHOLOGY FULLY ONLINE (LIBERAL ARTS) A.A.

Psychology (Major) Social Services (Department)

HCCC's Associate in Arts Liberal Arts Psychology degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in psychology or related subjects. The Liberal Arts program allows many options when choosing courses; students should plan carefully for the future by researching the degree requirements of four-year institutions which interest them.

Requirements**Psychology Liberal Arts AA Gen Educ Requirements****Complete CSS-100**

- CSS-100 College Student Success

Complete the following groups:**COMPLET ENG-101**

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete 1 Math Electives from: MAT-100, 110, 111, 112, 123, 211, 212, 215.

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:**COMPLETE TWO LAB SCIENCE ELECTIVE
CSC-100**

- CSC-100 Intro to Computers and Computing

Complete the following courses:

- SOC-101 Introduction to Sociology
- PSY-101 Introduction to Psychology

Complete 1 Diversity Elective.**Complete the following course:**

- PHL-101 Introduction to Philosophy

Complete 2 Humanities Electives.**Complete the following courses:**

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Psychology Liberal Arts AA Major Requirements**Complete the following courses:**

- PSY-121 Psychological Methods and Applications
- MAT-114 Introduction Probabilities and Statistics

Complete 2 Major Electives - PSY-211,216,260,270,280:**TAKE 2 COURSES FROM PSY-216 PSY-280 or PSY-211 or PSY-260**

- PSY-211 Developmental Psychology I
- PSY-216 Theories of Personality
- PSY-260 Lifespan Development
- PSY-280 Abnormal Psychology I

RADIOGRAPHY A.S.**Radiography (Major)
Nursing and Health Sciences (Department)**

This is a 63 credit degree program that includes 33 credits of general education and science courses and 30 credits of specialized Radiography courses. Upon completion of total credits, students will receive an associate degree in science as well as a certificate in radiography, allowing them to sit for the ARRT national examination. The general education and lab science courses will be provided by HCCC, and taught by HCCC instructors at either or both of their campus locations. The professional component is a 24 month clinical competency based educational program. Radiologic technologists (radiographers) perform diagnostic imaging examinations. Students are taught how to take x-rays of the human body in order to diagnose medical problems. They prepare patients for the exams by explaining the procedure and positioning them so that the parts of the body can be appropriately radiographed. They are taught how the radiation beam is created; set technical factors in order to produce diagnostic radiographs and how to prevent unnecessary

exposure to radiation to both themselves and the patient. The student accomplishes this by integrating science and technology and learning how to provide compassionate, caring, and unbiased patient care to people of all ages and backgrounds. The State of New Jersey Bureau of Radiological Health (Board) requires all students graduating from a Board certified radiography program to successfully demonstrate competency in over 50 radiological examinations performed on patients prior to graduation. This standard is designed to produce entry level skilled graduates who are clinically competent and practice quality patient care methodologies.

Requirements**Radiography AS General Education Requirements****Complete CSS-100.**

- CSS-100 College Student Success

Complete the following courses:

- ENG-101 College Composition I
- ENG-102 College Composition II
- ENG-112 Speech

Complete the following courses:

- CSC-100 Intro to Computers and Computing
- BIO-111 Anatomy and Physiology I
- BIO-211 Anatomy and Physiology II

TAKE MAT-100 OR HIGHER LEVEL

- MAT-100 College Algebra
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-211 Calculus III
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following course:

- PSY-101 Introduction to Psychology

Complete 1 Diversity Elective:**Complete 1 Humanities Elective:****Radiography AS Major Requirements****Complete the following courses:**

- RAD-101 Radiography I
- RAD-104 Radiographic Imaging I/Lab
- RAD-102 Radiography II
- RAD-105 Radiographic Imaging II/Lab
- RAD-103 Radiography III
- RAD-106 Radiographic Imaging III/Lab
- RAD-204 Radiography IV
- RAD-207 Radiographic Imaging IV/Lab
- RAD-205 Radiography V
- RAD-208 Radiography VI

Complete Clinical Practicum (6 semesters)

- CLP-1 Clinical Practicum I
- CLP-2 Clinical Practicum II
- CLP-3 Clinical Practicum III
- CLP-4 Clinical Practicum IV
- CLP-5 Clinical Practicum V
- CLP-6 Clinical Practicum VI

SCIENCE AND MATHEMATICS - GENERAL A.S.

Science and Mathematics (Major) Science (Department)

Graduates of the Associate in Science in Science and Mathematics transfer to four-year colleges and universities to complete a bachelor's degree in one of the sciences. The curriculum permits students to tailor the program to individual goals. Students undecided about a field of specialization may explore the various sciences before committing to a more specific major. Those with clearly defined goals may transfer into specialized programs, such as majors in the statistical or actuarial fields, pre-medicine, pre-dentistry, physical therapy, pharmacy, physics, engineering or related subjects.

Requirements

Science and Mathematics AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups: COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- CSC-100 Intro to Computers and Computing
- MAT-110 Precalculus

COMPLETE ENV-110 or MAT-100 or CHP-100

- ENV-110 Introduction to Environmental Studies
- MAT-100 College Algebra
- CHP-100 Introduction to Chemistry

Complete the following groups:

- ENG-112 Speech
- BIO-100 General Biology

Complete 1 Social Science Elective.

Complete 1 Humanities Elective.

Complete 1 Social Science or Humanities Elective.

Science and Mathematics AS Major Requirements

Complete the following groups:

- CHP-111 College Chemistry I
- PHY-111 Engineering Physics I
- CHP-211 College Chemistry II
- PHY-211 Engineering Physics II
- MAT-111 Calculus I

COMPLETE BIO-111 or BIO-115

- BIO-111 Anatomy and Physiology I
- BIO-115 Principles of Biology I

COMPLETE BIO-211 or BIO-116

- BIO-211 Anatomy and Physiology II
- BIO-116 Principles of Biology II

SCIENCE AND MATHEMATICS FULLY ONLINE - GENERAL A.S.

Science and Mathematics (Major) Science (Department)

Graduates of the Associate in Science in Science and Mathematics transfer to four-year colleges and universities to complete a bachelor's degree in one of the sciences. The curriculum permits students to tailor the program to individual goals. Students undecided about a field of specialization may explore the various sciences before committing to a more specific major. Those with clearly defined goals may transfer into specialized programs, such as majors in the statistical or actuarial fields, pre-medicine, pre-dentistry, physical therapy, pharmacy, physics, engineering or related subjects.

Requirements

Science and Mathematics AS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups: COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following courses:

- CSC-100 Intro to Computers and Computing
- MAT-110 Precalculus

COMPLETE ENV-110 or MAT-100 or CHP-100

- ENV-110 Introduction to Environmental Studies
- MAT-100 College Algebra
- CHP-100 Introduction to Chemistry

Complete the following groups:

- ENG-112 Speech
- BIO-100 General Biology

Complete 1 Social Science Elective.

Complete 1 Humanities Elective.

Complete 1 Social Science or Humanities Elective.

Science and Mathematics AS Major Requirements

Complete the following groups:

- CHP-111 College Chemistry I
- PHY-111 Engineering Physics I
- CHP-211 College Chemistry II
- PHY-211 Engineering Physics II
- MAT-111 Calculus I

COMPLETE BIO-111 or BIO-115

- BIO-111 Anatomy and Physiology I
- BIO-115 Principles of Biology I

COMPLETE BIO-211 or BIO-116

- BIO-211 Anatomy and Physiology II
- BIO-116 Principles of Biology II

SOCIAL JUSTICE ADVOCACY PROFICIENCY CERTIFICATE

Human Services Social Justice (Major) Hum/Soc (Department)

In alignment with the College's mission statement to provide high-quality educational opportunities that promote student success, this program helps students primarily with attaining a job in the advocacy field or social services profession. This certificate is accessible to all students. Furthermore, the certificate contains required courses in social justice advocacy, psychology, and sociology. Due to the nature of working in social services agencies,

graduates need college-level writing skills that are helpful in these professional settings. The interdisciplinary focus is the foundation of the program. *Degree holders enrolling in this program can provide official transcripts to demonstrate successful completion of ENG 101, SOC 101, PSY 101, and SOC 260 (or its equivalent) indicating a grade of C or higher for the course (s). In alignment with Strategic Direction 2, the certificate allows students the opportunity to enroll in interdisciplinary classes that support the College's mission in expanding the principles of PACDEI (President's Advisory Council on Diversity, Equity, and Inclusion) for staff, students, and faculty. Furthermore, this program supports Strategic Direction 3, because the certificate allows for graduates to utilize their advocacy knowledge in the workplace and in their respective communities if they choose to be involved in social justice activism.

Requirements

Social Justice Advocacy

Complete the following requirements:

- ENG-101 College Composition I
- PSY-101 Introduction to Psychology
- SOC-101 Introduction to Sociology
- SOC-260 Race and Ethnic Relations
- INTD-110 Introduction to Advocacy
- INTD-270 Restorative and Social Justice
- INTD-275 Restorative and Soc Just Fieldwork

SOCIOLOGY (LIBERAL ARTS) A.A.

Sociology (Major)

Social Sciences (Department)

HCCC's Associate in Arts Liberal Arts - Sociology degree program prepares students for transfer to four-year colleges or universities after completing two years of undergraduate coursework at HCCC. Graduating students may advance to majors in sociology or related subjects. The Liberal Arts program allows many options when choosing courses; students should plan carefully for the future by researching the degree requirements of four-year institutions which interest them.

Requirements

Sociology Liberal Arts AA Gen Educ Requirements

Complete CSS-100:

- CSS-100 College Student Success

Complete the following courses:

Complete ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Take 1 course from:

- MAT-100 College Algebra

Complete the following courses:

TAKE 2 LAB SCIENCE ELECTIVE

- MAT-114 Introduction Probabilities and Statistics

Complete the following courses:

- SOC-101 Introduction to Sociology
- SOC-260 Race and Ethnic Relations

Complete the following course:

- ANT-101 Intro to Cultural Anthropology

Complete the following courses:

COMPLETE LIT-201

- LIT-201 Introduction to Literature

TWO HUMANITIES ELECTIVES

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Sociology Liberal Arts AA Major Requirements

Complete the following courses:

- SOC-201 Sociology of the Family
- SOC-211 Social Problems
- SOC-280 Social Research Methods

Complete 1 Sociology Elective: SOC-203, SOC-230, or SOC-240

- SOC-203 Environmental Sociology
- SOC-230 Religion and Society
- SOC-240 Criminology

SOCIAL SERVICES (HUMAN SERVICES) A.A.S.

Social Services (Major)

Social Services (Department)

(Program not available for new students) The program prepares the graduate for immediate entry-level employment in a variety of human services agencies and community-based programs and/or transfer to a baccalaureate program to continue their studies in social services, human services, social work or a related field.

Requirements

Social Services AAS General Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

Complete the following course:

- MAT-100 College Algebra

Complete the following course:

- PSY-101 Introduction to Psychology

Complete the following groups:

ENG-112 and CSC-100

- ENG-112 Speech
- CSC-100 Intro to Computers and Computing

ONE DIVERSITY ELECTIVE

Social Services AAS Major Requirements

Complete the following groups:

Required Courses and PBA-211

- HUS-101 Intro to Human Services
- HUS-121 Helping Strategies and Relationships
- HUS-200 Group Work in Human Services
- HUS-221 Community Organization
- HUS-231 Internship in Human Services I
- HUS-241 Internship in Human Services II
- PSC-200 State and Local Government
- SOC-101 Introduction to Sociology
- SOC-201 Sociology of the Family
- SOC-211 Social Problems
- SOC-260 Race and Ethnic Relations

1 Sociology or Psychology Elective

- PSY-211 Developmental Psychology I
- PSY-212 Developmental Psychology II
- PSY-215 Psychology of Women
- PSY-260 Lifespan Development
- PSY-270 Psychology of Teaching and Learning
- PSY-280 Abnormal Psychology I
- SOC-200 Intro to Gerontology
- SOC-201 Sociology of the Family
- SOC-211 Social Problems
- SOC-230 Religion and Society
- SOC-240 Criminology
- SOC-260 Race and Ethnic Relations
- SOC-280 Social Research Methods

1 Science Elective

SOCIAL SERVICES CERTIFICATE

Social Services (Major)

Social Services (Department)

(Program not available for new students) The Social Services Certificate program will help students develop beginning level skills necessary for working with clients in human/social services agencies and community based programs. The Certificate will also offer students the opportunity to continue their studies in social services by enrolling in the Associate in Applied Science in Social Services Option at Hudson County Community College.

Requirements

Social Services Certificate Gen Ed Requirements

Complete the following course:

- ENG-101 College Composition I

Complete the following course:

- PSY-101 Introduction to Psychology

Social Services Certificate Major Requirements

Complete the following courses:

- ENG-112 Speech
- HUS-101 Intro to Human Services
- HUS-231 Internship in Human Services I
- SOC-101 Introduction to Sociology
- PSY-211 Developmental Psychology I
- HUS-121 Helping Strategies and Relationships
- HUS-241 Internship in Human Services II

EDUCATION (SPECIAL EDUCATION - LIBERAL ARTS) A.A.

Special Education (Major)

Education (Department)

The Liberal Arts Degree in Special Education is a transfer-oriented degree for students interested in preparing for a professional teaching or paraprofessional career in public or private schools and specializing in the education of exceptional children. Upon completion of study, students are eligible to seek employment as a Teacher's Assistant or Paraprofessional in New Jersey. Additionally, after earning an Associate's Degree and satisfying all entrance requirements, students are prepared to transfer to a four-year college or university to earn a Bachelor's degree, a requirement for teacher certification in New Jersey. At the four-year College or university, the program graduate will also be required to major in a content area. Students are strongly encouraged to select electives carefully in order to satisfy transfer requirements.

Requirements

Special Education AA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete MAT-100 or MAT-123.

RECOMMENDED: MAT-100 or MAT-123

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE BIO-100

- BIO-100 General Biology

COMPLETE BIO-107

- BIO-107 Human Biology

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete INTD-235.

- INTD-235 Exploring Multicultural Studies

Complete HIS-105 and HIS-106.

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete HUM-101 and 2 Humanities Electives.

COMPLETE HUM-101

- HUM-101 Cultures and Values

COMPLETE 2 HUMANITIES ELECTIVES COURSES

Special Education AA Major Requirements

Complete the following groups:

SED-290 SED-235 ECE-214 and EDU-221

- SED-290 Inclusive Teaching and Learning
- SED-235 Young Children With Special Needs
- ECE-214 Guiding the Young Child's Behavior
- EDU-221 Clinical Experience

EDU-211 or ECE-201

- EDU-211 Foundations of American Education
- ECE-201 Intro to Early Childhood Educ

EDUCATION (SPECIAL EDUCATION-LIBERAL ARTS) FULLY ONLINE A.A.

Special Education (Major) Education (Department)

The Liberal Arts Degree in Special Education is a transfer-oriented degree for students interested in preparing for a professional teaching or paraprofessional career in public or private schools and specializing in the education of exceptional children. Upon completion of study, students are eligible to seek employment as a Teacher's Assistant or Paraprofessional in New Jersey. Additionally, after earning an Associate's Degree and satisfying all entrance requirements, students are prepared to transfer to a four-year college or university to earn a Bachelor's degree, a requirement for teacher certification in New Jersey. At the four-year College or university, the program graduate will also be required to major in a content area. Students are strongly encouraged to select electives carefully in order to satisfy transfer requirements.

Requirements

Special Education AA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-102 and ENG-112

- ENG-102 College Composition II
- ENG-112 Speech

Complete MAT-100 or MAT-123.

RECOMMENDED: MAT-100 or MAT-123

- MAT-100 College Algebra
- MAT-106 Mathematical Analysis I
- MAT-107 Mathematical Analysis II
- MAT-108 Mathematical Analysis III
- MAT-110 Precalculus
- MAT-111 Calculus I
- MAT-112 Calculus II
- MAT-114 Introduction Probabilities and Statistics
- MAT-116 Pre-Calculus for Business
- MAT-123 Mathematics for Liberal Arts
- MAT-211 Calculus III
- MAT-212 Differential Equations
- MAT-215 Linear Algebra

Complete the following groups:

COMPLETE BIO-100

- BIO-100 General Biology

COMPLETE BIO-107

- BIO-107 Human Biology

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

Complete the following courses:

- PSY-101 Introduction to Psychology
- PSY-211 Developmental Psychology I

Complete INTD-235.

- INTD-235 Exploring Multicultural Studies

Complete HIS-105 and HIS-106.

- HIS-105 U.S. History I
- HIS-106 U.S. History II

Complete HUM-101 and 2 Humanities Electives.

COMPLETE HUM-101

- HUM-101 Cultures and Values

COMPLETE 2 HUMANITIES ELECTIVES COURSES

Special Education AA Major Requirements

Complete the following groups:

SED-290 SED-235 ECE-214 and EDU-221

- SED-290 Inclusive Teaching and Learning
- SED-235 Young Children With Special Needs
- ECE-214 Guiding the Young Child's Behavior
- EDU-221 Clinical Experience

EDU-211 or ECE-201

- EDU-211 Foundations of American Education
- ECE-201 Intro to Early Childhood Educ

STUDIO ARTS A.F.A.

Studio Arts (Major)

Studio Arts (Department)

The two-year Associate in Fine Arts-Studio Arts (AFA) degree program provides students with a solid foundation in the visual arts. HCCC studio arts majors take a series of courses in drawing, design, color theory and art history as well as electives in other studio disciplines. In the final semester of study, students learn how to present their portfolios to four-year colleges and universities and potential employers. In addition, AFA students take general education courses in order to develop important skills in communications, research and computer technology. Other courses in the humanities and the social sciences are designed to broaden knowledge essential for a successful career in the arts.

Requirements

Studio Arts AFA Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

RECOMMENDED ENG-102 SECTION ART

- ENG-102 College Composition II

COMPLETE ONE COURSE FROM: CSC-100 MAT-100 MAT-114 MAT-123 BIO-100 BIO-120 CHP-100 ENV-110 OR SCI-101; COMPLETE ONE MATH/SCIENCE/TECHNOLOGY COURSE

- CSC-100 Intro to Computers and Computing
- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics
- MAT-123 Mathematics for Liberal Arts
- BIO-100 General Biology
- BIO-120 Human Sexual Biology
- CHP-100 Introduction to Chemistry
- ENV-110 Introduction to Environmental Studies
- SCI-101 Introduction to Physical Science

COMPLETE 3 CREDITS HUMANITIES OR SOCIAL SCIENCE.

Complete the following groups:

- ART-115 Art History I
- ART-125 Art History II
- ART-120 Survey of Contemporary Art

Studio Arts AFA Major Requirements

Complete the following groups:

- ART-103 Two Dimensional Design

- ART-106 Drawing I
- ART-107 Painting I
- ART-113 Three Dimensional Design
- ART-114 Color Theory
- ART-116 Drawing II
- ART-117 Painting II
- ART-126 Figure Drawing
- ART-127 Water Color
- ART-210 Introduction to Gallery Management
- ART-220 Art in Context
- ART-130 Portfolio and Presentation

COMPLETE 3 CREDITIS FROM SUBJECTS ARC or ART EXCEPT ART-101

TECHNICAL STUDIES A.A.S.

Technical Studies (Major) Technology (Department)

The Associate in Applied Science Degree in Technical Studies allows individuals who have successfully completed technical training in an appropriate career field, such as Business, Computer Science, Computer Technology, or Electronics Engineering Technology, to advance their studies and attain a college degree. The program will provide opportunities for workers to apply knowledge and skills learned in certified apprenticeship training programs as credits toward the Associate in Applied Science Degree in Technical Studies.

Requirements

Technical Studies AAS Gen Educ Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following groups:

COMPLETE ENG-101

- ENG-101 College Composition I

ENG-103 or ENG-112

- ENG-103 Technical Report Writing
- ENG-112 Speech

Complete MAT-100 or MAT-114.

- MAT-100 College Algebra
- MAT-114 Introduction Probabilities and Statistics

Complete the following groups:

TAKE 2 COURSES FROM LAB SCIENCE or MATH ELECTIVE MUST BE 4 CREDITS EACH COURSE

Complete 1 Social Science or Humanities Elective.

Technical Studies AAS Major Requirements

Complete Technical Training:

COMPLETE 30 CREDITS, EARNED FROM CORPORATE, INDUSTRIAL OR MILITARY TRAINING PROGRAMS

- TECH-100 Technical Studies

Major Requirement Concentration- Complete 1 Group

Take ACC-121 MAN-121 MAN-221 and ECO-201 OR BUS-230
BUSINESS CONCENTRATION

- ACC-121 Principles of Accounting I
- MAN-121 Principles of Management
- MAN-221 Marketing

Take ECO-201 or BUS-230

- ECO-201 Principles of Macroeconomics
- BUS-230 Business Law

Take CSC-115 CSC-117 CSC-214 AND CSC-227 OR CSC-230
COMPUTER SCIENCE CONCENTRATION

- CSC-115 Programming in C++ for Comp Science
- CSC-117 Java Programming
- CSC-214 Data Structures and Advanced Programming

Take CSC-227 or CSC-230

- CSC-227 Intro to Operating Systems
- CSC-230 Data Communication Concepts

Take EET-111 EET-211 CTC-212

COMPUTER TECHNOLOGY CONCENTRATION

- EET-111 Electric Circuits I
- EET-211 Electric Circuits II
- CTC-212 Computer Organization and Design

take EET-111 EET-211 EET-212

ELECTRONICS ENGINEERING TECHNOLOGY CONCENTRATION

- EET-111 Electric Circuits I
- EET-211 Electric Circuits II
- EET-212 Active Electronic Devices

#take CNM-201 CNM-202 MAN-242 EGS-101;

LOCAL 285

- CNM-201 Introduction to Basic Structures
- CNM-202 Const. Proceed Materials and Tests
- MAN-242 Labor Relations
- EGS-101 Engineering Graphics

THEATRE ARTS (LIBERAL ARTS) A.A.

Theatre (Major) Humanities (Department)

The AA Liberal Arts - Theatre Arts Option is designed for students who wish to complete a bachelor's degree or higher in the field of Theatre Arts. By offering a broad-based liberal arts curriculum with core theatre requirements, the option is ideal for students interested in all aspects of Theatre. Field trips to local NYC theaters will be integrated into the degree program.

Requirements

Theatre Arts AA General Requirements

Complete CSS-100

- CSS-100 College Student Success

Complete the following courses:

COMPLETE ENG-101

- ENG-101 College Composition I

COMPLETE ENG-102

- ENG-102 College Composition II

COMPLETE MAT-123.

- MAT-123 Mathematics for Liberal Arts

Complete the following courses:

COMPLETE CSC-100

- CSC-100 Intro to Computers and Computing

2 Lab Science Elective

Complete THA-207 or LIT-207.

- THA-207 Introduction to Drama
- LIT-207 Introduction to Drama

Complete LIT-208 or THA-208.

- LIT-208 Contemporary Drama
- THA-208 Contemporary Drama

Complete 2 Social Science Electives.

Complete the following courses:

- HIS-210 History of Western Civilization I
- HIS-211 History of Western Civilization II

Complete the following courses:

- ENG-112 Speech
- FLM-101 Introduction to Film
- THA-102 Introduction to Theater

Theatre Arts Major Requirements

Complete the following courses:

- THA-101 Introduction to Acting
- THA-201 Acting II
- THA-202 Acting for the Camera
- THA-205 Introduction to Playwriting

TRANSPORTATION, LOGISTICS, AND DISTRIBUTION CERTIFICATE

**Trans Logistic Distribution (Major)
Business (Department)**

Transportation, Logistics, and Distribution Certificate program prepares students for entry-level and advancement opportunities through certifications and degrees in supply chain management including manufacturing, procurement, warehousing and distribution through customer service. The program of courses includes Supply Chain Management Principals, Customer Service Operations, Transportation Operations, Warehousing Operations, Supply Management and Procurement, Inventory Management, Demand Planning, Manufacturing, and Service Operations. Credits earned with the SCM Certificate will transfer seamlessly towards the A.S Degree in Business Administration for the Supply Chain Management degree option offered at HCCC. Additionally, dual admission agreements and articulations in effect with our current academic partners may be applied in the future to a B.S. in supply chain management.

Requirements

Trans, Logistics, and Dist General Ed Req

Complete the following course:

- ENG-112 Speech

Complete the following course:

- CSC-100 Intro to Computers and Computing

Trans, Logistics, and Distribut Major Req

Complete the following courses:

- GIS-104 Introduction to Geographic Information
- BUS-205 Global Business
- ECO-201 Principles of Macroeconomics
- BUS-103 Introduction to Business
- BUS-230 Business Law

Complete the following SCM courses:

- SCM-101 Supply Chain Management Principles
- SCM-110 Transportation Operations
- SCM-115 Warehousing Operations