

ROOSEVELT HIGH SCHOOL
EARLY COLLEGE STUDIES

ROOSEVELT HIGH SCHOOL
EARLY COLLEGE STUDIES
COURSE CATALOGUE 2021 - 2022

Roosevelt High School – Early College Studies
631 Tuckahoe Road, Yonkers, New York 10710
Phone 914.376.8118 • Fax 914.793.4971

September 2021

Table of Contents

VISION STATEMENT	2	APPENDIX A	42
MISSION STATEMENT	2	APPENDIX B	43
ADMINISTRATION	3		
DEPARTMENT CHAIRS	3		
GUIDANCE	3		
Counseling Services	4		
Academic Services	4		
Yonkers Partners in Education (YPIE)	4		
Special Considerations for ECHS Students	5		
Liberal Arts and Sciences/Mathematics and Science Associate's			
Degree - Core Requirements	6		
Schedule for Ninth Grade Students	7		
Schedule for Tenth Grade Students	8		
Schedule for Eleventh Grade Students	9		
Schedule for Twelfth Grade Students	10		
Art	11		
BUSINESS LAW	12		
English	13-17		
HEALTH	18		
BUSINESS and MEDIA COMMUNICATIONS	19-20		
BUSINESS and MEDIA COMMUNICATIONS	21		
BUSINESS and MEDIA COMMUNICATIONS	22		
BUSINESS and MEDIA COMMUNICATIONS	23-34		
MATHEMATICS	25-28		
WORLD LANGAUGES	29-30		
SCIENCE	31-33		
SOCIAL STUDIES	34-38		
PSYCHOLOGY	39		
ANTHROPOLOGY	40		
COMPARATIVE RELIGIONS	41		



Roosevelt High School – Early College Studies

Roosevelt High School – Early College Studies is a public, urban high school that provides an engaging, cross culturally enriched learning environment for all students. 20 undergraduate courses are offered through partnerships with colleges and universities. The campus is located in Yonkers, the fourth largest school district in the state of New York, situated in the lower Hudson Valley immediately north of New York City.

Roosevelt High School – Early College Studies is aligned with the Early College High School's philosophy:

- Students are prepared for the academic rigor of postsecondary education
- Technology is infused into every aspect of teaching and learning
- College campus atmosphere at the high school provides students with a College and Career Center staffed with an advisor, and a state-of-the-art Library and Media Center
- Teacher/Student Advisory Program provides ongoing academic and developmental supports
- The entire school supports the Positive Behavioral Interventions and Supports (PBIS) Model
- The Community Service program inspires volunteerism
- Extended learning experiences embrace in-depth study and research-based projects

VISION STATEMENT

Roosevelt High School – Early College Studies will produce college ready students that will succeed in any venue due to the challenging curriculum and exposure to cross culturally enriched environment.

MISSION STATEMENT

It is the mission of Early College High School to provide our students with the challenges, opportunities, resources, and environment to become lifelong learners as well as productive, responsible citizens in a changing, global society. Roosevelt High School – Early College Studies will work to prepare students for post-secondary academic work, with the goal of obtaining at least 24 college credits upon graduation from high school.



ADMINISTRATION

Mr. Edward DeChent, Principal

Mrs. Elizabeth Asencio, Assistant Principal

Mr. Steve Naber, Assistant Principal

Mr. Isaac del Monte, Assistant Principal

Dr. Matel Hanna Hassan, Assistant Principal

DEPARTMENT CHAIRS

Mrs. Jaclyn Creazzo, Special Education

Mrs. Nancy Adorno, World Languages

Mr. Edward Giancaspro, Social Studies

Ms. Rachel Mercadante, Mathematics

Mr. Marc Roennau, Art and Music

Mrs. Lisa Seale, Science

Mrs. Mary Vaccaro, English

GUIDANCE

Mrs. Tiziana Cotumaccio, Grade 9

Ms. Gail Zerafa, Grade 10

Mrs. Peggy Paredes- Almonte, Grade 11

Mrs. Erica DeJesus-Corporan, Grade 12



SUPPORT SERVICES AND RESOURCES

Counseling Services

The Guidance Department at Roosevelt High School - Early College Studies has a complete staff of certified guidance counselors who stand ready to assist students in a wide range of issues. Our counselors provide academic skills support, organizational, study, and test taking skills, post-secondary planning, as well as career planning. On a personal note, they are willing to educate students in understanding themselves and others, provide coping strategies, discuss both peer relationships and effective social skill strategies, and provide students with effective tools for better communication, problem-solving, decision-making, conflict resolution, and study skills. The Guidance Department has brought in outside agencies to discuss topics related to career awareness and the world of work, substance abuse education, as well as multicultural/diversity awareness. They collaborate daily with parents, students, teachers, administrators, and the surrounding community.

Academic Services

A variety of tutoring programs are available to support students in content specific areas. Many qualified peers, college students, and faculty members are on staff to help students succeed. Group, supplemental instruction and individual tutoring are available.

Yonkers Partners in Education (YPIE)

Yonkers Partners in Education (YPIE) is a non-profit organization that works in partnership with Yonkers Public Schools middle and high school students to ensure they have the support needed to complete a post-secondary education. In addition to one-on-one counseling, YPIE offers a variety of programs to students and their families to assist in every step of the college planning process. From seventh through ninth grade, students register for Naviance, a college and career readiness computer program that they will use throughout high school. YPIE also provides college essay writing workshops, career exploration programs, financial aid and scholarship assistance, college tours, alumni interview day, and the new program called YPIE Scholars that matches a volunteer graduation coach with a student to guide them through all four years of high school.



SPECIAL CONSIDERATIONS FOR ECHS STUDENTS

The college application process for Smart Scholars ECHS students presents unique considerations compared to this process for traditional high school students. Special concerns for ECHS students applying for college admission are associated with credit transfer, advanced standing, and eligibility for opportunity programs.

Students must be aware that all of their college credits may not transfer. In general, the more competitive the institution, the more restrictive the policy on acceptance of transfer credits. In addition, some colleges may set a limit on the number of credits that can transfer, and/or the types of courses that can transfer. General education courses have a greater likelihood of being accepted for transfer credit. It is the student's responsibility to request the partner Institution of Higher Education (IHE) to send their official college transcript to the college at which they matriculate. A reference sheet listing links to college/university partners' websites for transcript requests is included in Appendix A.





Liberal Arts and Sciences/Mathematics and Science Associate's Degree - Core Requirements

English Composition and Literature

Mathematics

Behavioral Science

Humanities

Social Science

Science

Physical Education

Liberal Arts or Free Elective

- **Social Science** courses include History, Political Science, Economics and Geography
- **Behavioral Science** courses include Sociology, Psychology, Anthropology and Geography.
- **Humanities** courses include Art, Dance, English, Music, Film, Theatre, and Foreign Language.



Schedule for Ninth Grade Students

Semester 1

English 9 (double period)

Global 1 (double period)

Mathematics

Science

Physical Education/Algebra Extension

Semester 2

English 10 (double period)

Global 2 (double period)

Mathematics

Science

Physical Education/Algebra Extension

High School Credits: 7

College Credits: 0



Schedule for Tenth Grade Students

Semester 1

Modern Drama (double period)

US History/Government College Link

Humanities - World Languages

Mathematics

Science

Physical Education/Health College Link

Semester 2

English Composition 11 (double period)

US History/Government College Link

Humanities - World Languages

Mathematics

Science

Physical Education/Health College Link

High School Credits: 7

College Credits: 11



Schedule for Eleventh Grade Students

Semester 1

Art-Music College Link/ Humanities – Foreign Language

English Composition & Literature 1 College Link

Economics/Government College Link

Elective or Elective CL

Mathematics or Mathematics College Link

Science or AP Environmental Studies

Physical Education

Semester 2

Art-Music College Link/ Humanities – Foreign Language

English Composition & Literature 1 College Link

Economics/Government College Link

Elective or Elective CL

Mathematics or Mathematics College Link

Science or AP Environmental Studies

Physical Education

High School Credits: 8.5

College Credits: 20

Social Science courses include History and Economics.

Behavioral Science courses include Sociology, Psychology, Anthropology and Geography.

Mathematics courses include College Algebra, Pre-calculus, Calculus and Statistics.

Science courses include Astronomy.

Humanities courses include Foreign Language and Art.



Schedule for Twelfth Grade Students

Semester 1

English Composition & Literature 2 College Link

Art/Music College Link or Foreign Language College Link

Elective 2 College Link

Elective 3 College Link

Physical Education/Elective CL

Semester 2

English Composition & Literature 2 College Link

Art/Music College Link or Foreign Language College Link

Elective 2 College Link

Elective 3 College Link

Physical Education/Elective CL

High School Credits: 9

College Credits: 15

Social Science courses include History and Economics.

Behavioral Science courses include Sociology, Psychology, Anthropology and Geography.

Mathematics courses include College Algebra, Pre-calculus, Calculus and Statistics.

Science courses include Astronomy and Environmental Sciences.

Humanities courses include Foreign Language and Art.

ART

Course Name: Drawing 1

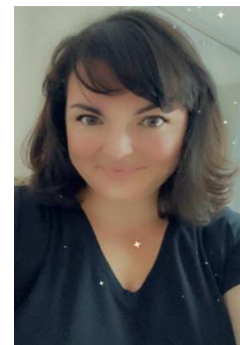
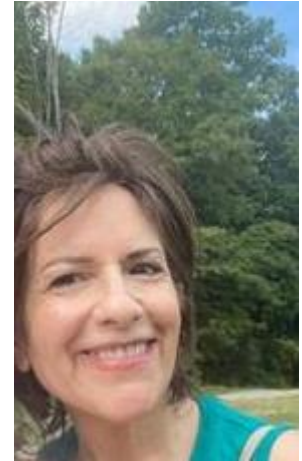
RHS-ECS Course Name: Drawing & Painting CL CL

Course Number:

VIS 101

RHS-ECS Course Number: ART5411

Partner College/University: Farmingdale State
University



Course Description: Students with limited painting experience will explore and be introduced to the following: what makes a good painting, how to choose subjects to paint, how to turn a drawing into a painting and how to use painting tools, pigment and the elements of design to complete the artwork. Also covered will be a basic history of painting from the caves of Lascaux to the present day. This course grants three college credits.

Prerequisites: None

Instructor's Name: Ms. Janet Skydel and Mrs. Laura Morgan

Instructor's Biography: Biography was not available at the time of publication.

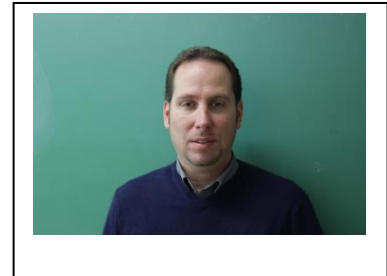


BUSINESS LAW

Course Name: Business Law I
RHS-ECS Course Name: CL Business Law

Course Number: LAWS240LBA
RHS-ECS

Course Number: BMC5301



**Partner College/
University:** Mercy College

Course Description: Introduction to business law. The nature and sources of law, courts, and court procedure; criminal law and torts; contracts; and the law of sales are the topics explored. This course grants three college credits.

Prerequisites: ENGL111LBA

Instructor's Name: Edward Giancaspro

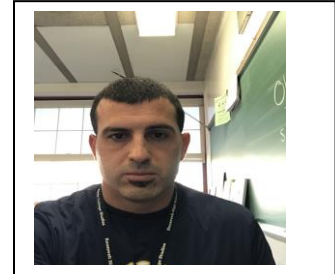
Instructor's Biography: Mr. Giancaspro has been teaching in the Yonkers Public schools for over 20 years, 16 of them as a Social Studies educator and has taught the Economics College-Link for the past 12 years. He holds a Bachelor of Science from Pace University Pleasantville, New York; a Master of Science – Mercy College Yorktown, New York; and School Building & School District Certification from the College of St. Rose – Albany, New York.

ENGLISH

Course Name: Written English and Literary Studies I
RHS-ECS Course Name: English Literature and Composition 1

Course Number: ENGL111LBA
RHS-ECS Course Number: ENG5312

**Partner College/
University:** Mercy College



Course Description: The writing of expository prose based on drama. Students read and analyze representative plays and write essays on assigned topics. Introduction to critical essays and research methods. This course grants three college credits.

Prerequisites: Successful completion of the English Regents in the tenth grade with a score of 75% or higher, or approved Accuplacer placement score

Instructor's Name: Mr. Frank Meade

Instructor's Biography: Mr. Meade is in his fifth-year teaching College Link Composition and Literature and Public Speaking to Juniors and Seniors here at Roosevelt Early College High School. In his 15-year career, he has experience teaching Regents, Honors, AP, and College level English courses. Also, Mr. Meade enjoys coaching Football and contributing to the school's Literary Magazine and Creativity Club. He is a passionate teacher who is always excited and enthusiastic about being a member of Roosevelt's learning community.

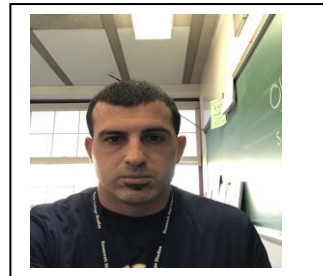


ENGLISH

Course Name: Written English and Literary Studies II
RHS-ECS Course Name: English Literature and Composition 2

Course Number: ENGL112LBA
RHS-ECS
Course Number: ENG5412

**Partner College/
University:** Mercy College



Course Description: The writing of expository prose based on drama. Students read and analyze representative plays, novels, and essays on assigned topics. The course also includes an introduction to critical essays and research methods. Students will be required to write at least three papers related to characterization or universal themes in the works covered in class. Outside reading and paper writing is also a requirement for the class. Proper format for formal papers will be highlighted. This course grants three college credits.

Prerequisites: Honors English 11, or Written English and Literary Studies I (ENGL111LBA)

Instructor's Name: Mr. Frank Meade

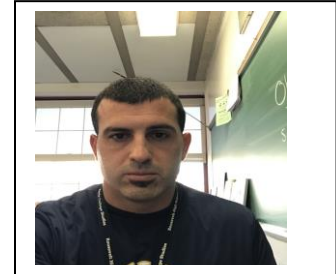
Instructor's Biography: Mr. Meade is in his fifth-year teaching College Link Composition and Literature and Public Speaking to Juniors and Seniors here at Roosevelt Early College High School. In his 15-year career, he has experience teaching Regents, Honors, AP, and College level English courses. Also, Mr. Meade enjoys coaching Football and contributing to the school's Literary Magazine and Creativity Club. He is a passionate teacher who is always excited and enthusiastic about being a member of Roosevelt's learning community.

ENGLISH

Course Name: Essentials of Public Speaking
RHS-ECS Course Name: Public Speaking CL

Course Number: GEN 129
RHS-ECS
Course Number: ENG5413

**Partner College/
University:** The College of Westchester



Course Description: This course will cover theory and performance of interpersonal and intercultural communication and public speaking: the research, preparation, delivery, and critical evaluation of representative oral presentations. Students learn techniques and styles of oral communication and the power of language to shape our perception of the world. Oral presentations requiring extensive planning and preparation are required. This course grants three college credits.

Prerequisites: Students must score 65%+ on the NYS Common Core English Regents Exam.

Instructor's Name: Mr. Frank Meade

Instructor's Biography: Mr. Meade is in his fifth-year teaching College Link Composition and Literature and Public Speaking to Juniors and Seniors here at Roosevelt Early College High School. In his 15-year career, he has experience teaching Regents, Honors, AP, and College level English courses. Also, Mr. Meade enjoys coaching Football and contributing to the school's Literary Magazine and Creativity Club. He is a passionate teacher who is always excited and enthusiastic about being a member of Roosevelt's learning community.



ENGLISH

Course Name: Transformations
RHS-ECS Course Name: English 11 CL/ Modern Drama
CL

Course Number: ENG 213
RHS-ECS
Course Number: ENG5252



**Partner College/
University:** Iona College

Course Description: Students will be introduced to the broad outlines of the English literary tradition through an encounter with texts drawn from multiple periods of English literary history, as well as be exposed to the dialogue between the Western and non-Western literary traditions. The course will expose students not only to contemporary ideas, but to “core” texts and thinkers that, taken together, constitute a conversation linking present to past. Reading and analyzing various texts through the eyes of multiple authors allows the student to appreciate the various perspectives and experiences. This course grants three college credits.

Prerequisites: English 9 and English 10

Instructor’s Name: Ms. Hawa Mclean

Instructor’s Biography: Ms. Mclean is an English teacher committed to the success and education of young people. She builds strong relationships with students preparing them to be career and college ready. A teacher for over 15 years, she received her Bachelor’s degree from Barnard College/Columbia University in Political Science with a minor in English and Theatre and two Masters Degrees from New York University in English Education and Educational Theatre, She is currently part of the Professional development team at Roosevelt High School and is an active member of the National Council of Teachers of English (NCTE).



ENGLISH

Course Name: Writing and Research
RHS-ECS Course Name: English Literature and
Composition 1 and 2

Course Number: ENG 101/ ENG 102

**RHS-ECS
Course Number:** ENG5312

**Partner College/
University:** Westchester Community College



Course Description:

101: Students in this class conduct research and write proposals, annotated bibliographies or literature reviews, and research essays. They develop research topics and questions; identify, summarize, analyze, evaluate, and synthesize relevant sources; and present arguments based on their findings. Students document where information and ideas come from by using MLA style. They enter academic conversations by doing research that builds upon existing knowledge.

102: The second semester of a two-semester English sequence. Students are introduced to literary terminology and methodology. They demonstrate in writing and discussion the ability to understand, analyze, and interpret works representing (but not limited to) the genres of drama, fiction, and poetry. Students enter broader conversations about literature by conducting research, evaluating sources, and documenting where information and ideas come from using MLA style.

Prerequisites:

Instructor's Name: Mrs. Sarah McGovern

Instructor's Biography: Biography not available at the time of publication.



HEALTH

Course Name: Health and Fitness for Life
RHS-ECS Course Name: Health CL

Course Number: PEC 110

**RHS-ECS
Course Number:** HTH5101



**Partner College/
University:** Westchester Community College

Course Description: The course is designed to challenge students to be actively involved in the learning process by constantly assessing how the information affects lifestyle from a personal prospective. The emphasis is on self-responsibility for developing and reinforcing behaviors that contribute to optimum health and wellness. Students will analyze their lifestyle behaviors and develop prescriptions for lifestyle changes that will have a positive impact on their lives. The sport component is devised for both the physically challenged and physically active individual. Students will explore and develop an understanding of the nature of a variety of sports and become educated spectators. They will be able to identify the wellness benefits derived from sports participation and gain an appreciation for the aesthetics of sports. This course grants two college credits.

Prerequisites: Century Honors

Instructor's Name: Mrs. Jessica Famularo-Snell

Instructor's Biography: Mrs. Famularo graduated from Pennsylvania State University in August of 2000 with a Bachelor's of Science degree in Kinesiology and Adelphi University May 2002 with a Master's of Arts in Health Education. She has completed five marathons including three New York City and two San Diego marathons. Her passion is health and fitness. Every day she strives to stay healthy by running, cycling and participating in yoga and Pilates. In addition to being a health high school teacher at Roosevelt High School - Early College Studies in Yonkers, Ms. Famularo teaches fitness classes for Goldman Sachs Investment Bank.



BUSINESS AND MEDIA COMMUNICATIONS

Course Name: Professional Communications and Career Development

RHS-ECS Course Name: Business Communication CL

Course Number: GEN 224

RHS-ECS

Course Number: BMC5401/BMC5201

**Partner College/
University:**

College of Westchester



Course Description: Web Design and Management combines entrepreneurial methods with real world projects, Web Design and Management is an intensive course that covers the construction and publication of websites for the Internet. Students study and utilize a user-based approach to planning, design, implementation, and management of the websites, all with an entrepreneurial focus. Students become very proficient in HTML, CSS, and PHP, and develop their final projects utilizing a Content Management System (CMS). After taking the course, every student should have the ability and confidence to design and program a website for a small- to medium-sized business or organization. This course grants three college credits.

Prerequisites: None

Instructor's Name: Mr. Marc Roennau and Ms. Jennifer Sousou

Instructor's Biography: Mr. Roennau holds a Bachelor of Science in Business, a Master of Arts in German Language and Literature from New York University, and a Master in Business Administration from Baruch College. He was an instructor at Barnard College and Columbia University where he created a sequence of Business German courses. He taught Business English and Intercultural Business Communication at the University of Jena, Germany. Mr. Roennau became certified in Business Education and taught Computer and Graphic Communications classes at Saunders High School. He is currently finishing a Masters in Educational Technology at Teachers College.

Ms. Jennifer Sousou: Biography not available at the time of publication.



BUSINESS AND MEDIA COMMUNICATIONS

Course Name: Applied Communications

RHS-ECS Course Name: Applied Communications

Course Number: WESTCHESTER COMMUNITY COLLEGE
BUS122

RHS-ECS

Course Number: BMC5401/BMC5201

Partner College/

University:

College of Westchester/Westchester Community College



Course Description: Web Design and Management combines entrepreneurial methods with real world projects, Web Design and Management is an intensive course that covers the construction and publication of websites for the Internet. Students study and utilize a user-based approach to planning, design, implementation, and management of the websites, all with an entrepreneurial focus. Students become very proficient in HTML, CSS, and PHP, and develop their final projects utilizing a Content Management System (CMS). After taking the course, every student should have the ability and confidence to design and program a website for a small- to medium-sized business or organization. This course grants three college credits.

Prerequisites: None

Instructor's Name: Mr. Marc Roennau and Ms. Jennifer Sousou

Instructor's Biography: Mr. Roennau holds a Bachelor of Science in Business, a Master of Arts in German Language and Literature from New York University, and a Master in Business Administration from Baruch College. He was an instructor at Barnard College and Columbia University where he created a sequence of Business German courses. He taught Business English and Intercultural Business Communication at the University of Jena, Germany. Mr. Roennau became certified in Business Education and taught Computer and Graphic Communications classes at Saunders High School. He is currently finishing a Masters in Educational Technology at Teachers College.

Ms. Jennifer Sousou: Biography not available at the time of publication.



BUSINESS

Course Name: Introduction to Business Ventures

RHS-ECS Course Name: Virtual Enterprise CL

Course Number: BUS 103

**RHS-ECS
Course Number:** CBM5411

**Partner College/
University:** College of Westchester



Course Description: This course introduces the student to the fundamentals of American Business and its contemporary environment. It provides an overview of organizational, national, and international trends and their impact on enterprises both large and small. The course develops an understanding of important business concepts, principles, and practices that explain how businesses are formed, how they operate to accomplish their goals, and why/how their success depends on effective management, production, marketing and finance/accounting. This course grants three college credits.

Prerequisites: None

Instructor's Name: Ms. Jennifer Sousou

Instructor's Biography: Biography was not available at the time of publication.



BUSINESS

Course Name: Introduction to Business

RHS-ECS Course Name: Virtual Enterprise CL

Course Number: BUS 111

RHS-ECS

Course Number: CBM 5411



**Partner College/
University:** Farmingdale State University

Course Description: This course introduces the student to the fundamentals of American Business and its contemporary environment. It provides an overview of organizational, national, and international trends and their impact on enterprises both large and small. The course develops an understanding of important business concepts, principles, and practices that explain how businesses are formed, how they operate to accomplish their goals, and why/how their success depends on effective management, production, marketing and finance/accounting. This course grants three college credits.

Prerequisites: None

Instructor's Name: Mr. Marc Roennau

Instructor's Biography: Mr. Roennau holds a Bachelor of Science in Business, a Master of Arts in German Language and Literature from New York University, and a Master in Business Administration from Baruch College. He was an instructor at Barnard College and Columbia University where he created a sequence of Business German courses. He taught Business English and Intercultural Business Communication at the University of Jena, Germany. Mr. Roennau became certified in Business Education and taught Computer and Graphic Communications classes at Saunders High School. He is currently finishing a Masters in Educational Technology at Teachers College.



BUSINESS

Course Name: Contemporary Business Communication

RHS-ECS Course Name: Virtual Enterprise CL

Course Number: BUS 141

RHS-ECS

Course Number: CBM5411



**Partner College/
University:** Farmingdale State University

Course Description: An introduction to the role and importance of effective communications in business. Key topics include the familiarization and practice in preparing common types of internal and external business communications; contemporary issues in business communication relating to technology, ethics, and nondiscriminatory language; memo and report writing with proper mechanics, style, and appropriate tone/ attitude; and business presentations. This course grants three college credits.

Prerequisites: Written English and Literary Studies 1 (ENGL111LBA) and Business Communication (GEN 224)

Instructor's Name: Mr. Marc Roennau

Instructor's Biography: Mr. Roennau holds a Bachelor of Science in Business, a Master of Arts in German Language and Literature from New York University, and a Master in Business Administration from Baruch College. He was an instructor at Barnard College and Columbia University where he created a sequence of Business German courses. He taught Business English and Intercultural Business Communication at the University of Jena, Germany. Mr. Roennau became certified in Business Education and taught Computer and Graphic Communications classes at Saunders High School. He is currently finishing a Masters in Educational Technology at Teachers College.



BUSINESS

Course Name: Principles of Marketing
RHS-ECS Course Name: Marketing CL

Course Number: BUS 112
RHS-ECS

Course Number: CBM

**Partner College/
University:** The College of Westchester

Course Description: This course is offered on the CW campus as part of the Jump Start program. The course surveys the general nature of marketing concepts, process, organization and buyer behavior. It also examines the basic decision areas of product, distribution, promotion, pricing and society's interaction with the dynamics of marketing. This course grants three college credits.

Prerequisites: None

Instructor's Name: CW Staff



MATHEMATICS

Course Name: Algebra Functions & Modeling
RHS-ECS Course Name: CL Algebra and Trigonometry

Course Number: MATH 130
RHS-ECS

Course Number: MTH5461



**Partner College/
University:** Westchester Community College

Course Description: This course is intended for business, computer, mathematics, and science majors. Topics will include the real number system, analyzing and graphing linear, quadratic, exponential, absolute value and logarithmic functions, circles, inequalities, transformations, operations with polynomials including factoring, quadratic formula, system of equations, and graphing calculator applications. This course grants three college credits.

Prerequisites: Successful completion of three (3) NYS Regents math courses AND score a 75%+ on two (2) NYS Regents Exams AND approved Accuplacer score. Students may be waived from placement test with SAT Math score of 450+ or ACT Math score of 16+.

Instructor's Name: Ms. Rachel Mercadante

Instructor's Biography: Ms. Mercadante has been a Mathematics teacher in the Yonkers Public School system for over 15 years. She has a Bachelor of Science in Mathematics and a Master of Arts in Teaching Secondary Mathematics from Lehman College.

Ms. Mercadante has been a member of **The National Council of Teachers of Mathematics** since 1999. She is a participant of the **Science Technology Engineering and Mathematics (STEM) Program** through Fordham University. Ms. Mercadante is a mentor teacher for the Mercy College internship program, **Race to the Top**. She was the advisor for **The 24 Game Metropolitan (NYC) Mathematics Competition and LEGO Mindstorms NXT and K'nex Robotics Club**. Ms. Mercadante is also **Roosevelt High School - Early College Studies'** Treasurer and has managed a mathematics lab for over 10 years. She is currently the Department Chair for Mathematics.



MATHEMATICS

Course Name: Precalculus (Functions and Coordinate Geometry)

RHS-ECS Course Name: Pre-calculus CL

Course Number: MATH 161

RHS-ECS

Course Number: MTH5311



Partner College/

University:

Westchester Community College

Course Description: A detailed analysis of topics essential to the mastery of a follow-up course in calculus. Assisted by applications utilizing a graphical/scientific calculator, topics include: functions and inverse relations; trigonometric functions and identities; the study of polynomial, rational, logarithmic and exponential functions; and selected topics in analytic geometry. This course grants 4 credits.

Prerequisites: Successful completion of three years of high school math AND a score of 85%+ on NYS Algebra/Trigonometry Regents, AND approved Accuplacer placement score. Students may be waived from placement test with SAT Math score of 580+ or ACT Math score of 23+.

Instructor's Name: Ms. Rachel Mercadante/ Ms. Marisa Signore

Instructor's Biography: Ms. Mercadante has been a Mathematics teacher in the Yonkers Public School system for over 15 years. She has a Bachelor of Science in Mathematics and a Master of Arts in Teaching Secondary Mathematics from Lehman College.

Ms. Mercadante has been a member of **The National Council of Teachers of Mathematics** since 1999. She is a participant of the **Science Technology Engineering and Mathematics (STEM) Program** through Fordham University. Ms. Mercadante is a mentor teacher for the Mercy College internship program, **Race to the Top**. She was the advisor for **The 24 Game Metropolitan (NYC) Mathematics Competition and LEGO Mindstorms NXT and K'nex Robotics Club**. Ms. Mercadante is also **Roosevelt High School - Early College Studies'** Treasurer and has managed a mathematics lab for over 10 years. She is currently the Department Chair for Mathematics.



MATHEMATICS

Course Name: Calculus I
RHS-ECS Course Name: Calculus CL

Course Number: MATH 181

**RHS-ECS
Course Number:** MTH5411



**Partner College/
University:** Westchester Community College

Course Description: Concept of Limit; understanding and applying the definition of a derivative; analyzing curves of functions; related rates; optimization applications; Rolle's Theorem; Mean Value Theorem; differentiation and integration of algebraic and trigonometric functions; Riemann Sums, the definite integral and the definition of area; Fundamental Theorems of Calculus and the area under a curve; integration using u-substitutions. This course grants four college credits.

Prerequisites: MATH 161 (Pre-calculus) or Mathematics scores of 85+ on three (3) NYS Math Regents Exams AND approved Accuplacer score. Students may be waived from placement test with SAT Math score of 610+ or ACT Math score of 25+.

Instructor's Name: Ms. Rachel Mercadante

Instructor's Biography: Ms. Mercadante has been a Mathematics teacher in the Yonkers Public School system for over 15 years. She has a Bachelor of Science in Mathematics and a Master of Arts in Teaching Secondary Mathematics from Lehman College.

Ms. Mercadante has been a member of **The National Council of Teachers of Mathematics** since 1999. She is a participant of the **Science Technology Engineering and Mathematics (STEM) Program** through Fordham University. Ms. Mercadante is a mentor teacher for the Mercy College internship program, **Race to the Top**. She was the advisor for **The 24 Game Metropolitan (NYC) Mathematics Competition and LEGO Mindstorms NXT and K'nex Robotics Club**. Ms. Mercadante is also **Roosevelt High School - Early College Studies'** Treasurer and has managed a mathematics lab for over 10 years. She is currently the Department Chair for Mathematics.



MATHEMATICS

Course Name: Personal Finance

RHS-ECS Course Name: Financial Math CL

Course Number: BUS273

RHS-ECS

Course Number: MTH5352

Partner College/

University: College of Westchester



Course Description: This course provides a survey of the areas of personal financial matters. The course content guides each person towards receiving results in the following areas: financial planning; buying on credit; borrowing money; using bank services; selecting from various types of insurance coverages; home ownerships vs renting; obtaining investment information; investing in stocks and bonds; budgeting; retirement planning and estate planning.

Prerequisites: None

Instructor's Name: Ms. Rachel Mercadante/ Ms. Melissa Brigante

Instructor's Biography: Ms. Mercadante has been a Mathematics teacher in the Yonkers Public School system for over 15 years. She has a Bachelor of Science in Mathematics and a Master of Arts in Teaching Secondary Mathematics from Lehman College. Ms. Mercadante has been a member of **The National Council of Teachers of Mathematics** since 1999. She is a participant of the **Science Technology Engineering and Mathematics (STEM) Program** through Fordham University. Ms. Mercadante is a mentor teacher for the Mercy College internship program, **Race to the Top**. She was the advisor for **The 24 Game Metropolitan (NYC) Mathematics Competition** and **LEGO Mindstorms NXT and K'nex Robotics Club**. Ms. Mercadante is also **Roosevelt High School - Early College Studies'** Treasurer and has managed a mathematics lab for over 10 years. She is currently the Department Chair for Mathematics.

Ms. Brigante: Biography was not available at the time of publication.

WORLD LANGUAGES

Course Name: Intermediate Italian
RHS-ECS Course Name: College Link Italian

Course Number: ITAL 201

RHS-ECS

Course Number: FLG

**Partner College/
University:**

Westchester Community College



Course Description: This course provides students with an opportunity to develop their linguistic as well as communicative competencies in Italian based on readings of a literary and cultural nature while providing for additional review of grammar in the context of the reading selections. This course grants three college credits.

Prerequisites: Three years of high school Italian (up to Spanish CpB2) or the equivalent; score of 65%+ on OHM BOCES Checkpoint B examination

Instructor's Name: Mrs. Nancy Adorno

Instructor's Biography: Nancy Adorno has over eleven years of experience in education teaching Italian at the high school level. She began her career at a private school in New Rochelle and currently teaches at Roosevelt High School - Early College Studies in Yonkers, New York. She holds a Bachelor of the Arts in Romance Languages and Classical Studies, and a Master of the Arts in Secondary Education with a specialization in foreign languages from Manhattanville College. She is the advisor of the Italian National Honor Society (*Societa` Onoraria Italica*). Ms. Adorno is also one of the advisors and creators of the *Multicultural Club*.



WORLD LANGUAGES

Course Name: Intermediate Spanish
RHS-ECS Course Name: Spanish CL

Course Number: SPAN 201

**RHS-ECS
Course Number:** FLG5411

**Partner College/
University:** Westchester Community College



Course Description: College Link Spanish provides students with an opportunity to develop their linguistic as well as communicative competencies in Spanish based on readings of a literary and cultural nature while providing for additional review of grammar in the context of the reading selections. The readings are also designed to enhance the use of critical thinking skills by engaging students in activities in involving analysis, synthesis and evaluation of a variety of literary and cultural topics within the scope of this course. This course grants three college credits.

Prerequisites: Three years of high school Spanish (up to Spanish CpB2) or the equivalent; score of 65%+ on OHM BOCES Checkpoint B examination

Instructor's Name: Ms. Charyna Pena

Instructor's Biography: Ms. Pena has been a Spanish teacher for since 2019. In addition to teaching Spanish levels 1 to 3 to grades 9 - 12, Ms. Pena teaches *College Link Spanish*.



SCIENCE

Course Name: Major Concepts of Physics 1

RHS-ECS Course Name: Physics CL

Course Number: PHY101

RHS-ECS

Course Number: SCI5411



Partner College

/University: Westchester Community College

Course Description: The course treats the traditional topics in Mechanics: Kinematics, Newton's Laws, Circular Motion, Gravity and Planetary Motion, Work, Energy, Momentum, Rotational Motion, Vibrations, and Kinetic Theory. Problem solving and conceptual understanding are both stressed. This course grants four college credits.

Prerequisites: 75%+ on Regents Examination for Algebra 1, Geometry and Chemistry; letter of recommendation from Chemistry teacher

Instructor's Name: Ms. Shiby George

Instructor's Biography: Ms. George has been teaching at Roosevelt High School – Early College Studies for over 6 years. It is her 15th year of teaching mathematics at the secondary level. Ms. George has a background in Mathematics and Physics from both Rowan and Rutgers Universities as well as in Educational Leadership from Lehman College. In addition to teaching High school in both New Jersey and New York, she has also taught mathematics at the college level at Seton Hall University and Camden County College. Ms. George has taught a variety of Math courses over the course of her career and recently added Physics to her resume. In addition to teaching, Ms. George was an advisor to graduating Class of 2019 and a mentor to graduating seniors. When she is not teaching, Ms. George is most likely traveling, working on DIY projects or wrapped up in activities with her son and 10 year old dog.



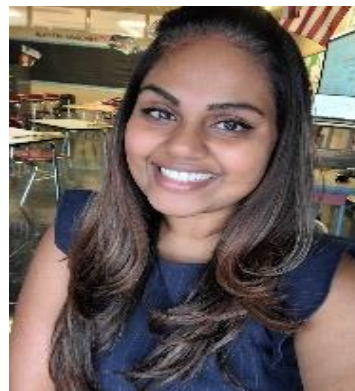
SCIENCE

Course Name: Major Concepts of Physics 2
RHS-ECS Course Name: Physics CL

Course Number: PHY102

**RHS-ECS
Course Number:** SCI5411

**Partner College
/University:** Westchester Community College



Course Description: The second semester of this sequence treats the subject of Electricity, Magnetism and Optics. The specific topics are Electric Charge, Electric Fields and Potentials, Electric Currents and Circuits, Magnetism and Electromagnetic Induction, Electromagnetic Waves, Optics and Introductory Modern Physics This course grants four college credits.

Prerequisites: 75%+ on Regents Examination for Algebra 1, Geometry and Chemistry; letter of recommendation from Chemistry teacher

Instructor's Name: Ms. Shiby George

Instructor's Biography: Ms. George has been teaching at Roosevelt High School – Early College Studies for over 6 years. It is her 15th year of teaching mathematics at the secondary level. Ms. George has a background in Mathematics and Physics from both Rowan and Rutgers Universities as well as in Educational Leadership from Lehman College. In addition to teaching High school in both New Jersey and New York, she has also taught mathematics at the college level at Seton Hall University and Camden County College. Ms. George has taught a variety of Math courses over the course of her career and recently added Physics to her resume. In addition to teaching, Ms. George was an advisor to graduating Class of 2019 and a mentor to graduating seniors. When she is not teaching, Ms. George is most likely traveling, working on DIY projects or wrapped up in activities with her son and 10-year-old dog.



SCIENCE

Course Name: Human Biology

RHS-ECS Course Name: Biology CL

Course Number: MSC 110-OL

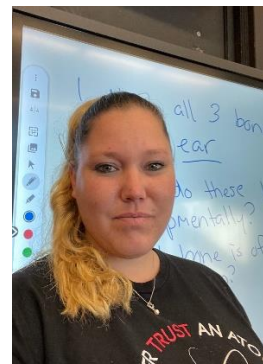
RHS-ECS

Course Number: SCI 5211

Partner College

/University:

College of Westchester



Course Description: This course introduces students to the basic concepts of biology and chemistry in preparation for further study in the allied health sciences. Biological concepts of cell theory, cell cycle and cell reproduction will be explored and the major systems of the human body will be introduced. Chemistry concepts of atoms, molecules, and elements will be introduced along with biological molecules. Appropriate medical terminology will be introduced and utilized to accurately communicate in the biological and medical sciences. Emphasis is placed on body system components and function.

Prerequisites: None

Instructor's Name: Ms. Maura Casey

Instructor's Biography: Biography was not available at the time of publication.



SOCIAL STUDIES

Course Name: American History Through 1877
RHS-ECS Course Name: American History/US Government CL

Course Number: HIS 121

**RHS-ECS
Course Number:** SST5311

**Partner College
/University:** Farmingdale State University



Course Description: A discussion of the development of the United States from its English origins through Reconstruction, this course shows how a new civilization arose out of revolution, independence, new governmental institutions, and equalitarianism, and illustrating the results of the westward movement, and the causes and consequences of the Civil War. This course grants three college credits.

Prerequisites: Global II average of 85% or higher, or 85%+ on Regents Examination

Instructor's Name: Mr. David Bordas and Mr. Colli

Instructor's Biography: Biography was not available at the time of publication.



SOCIAL STUDIES

Course Name: American History Through 1877
RHS-ECS Course Name: American History/US Government CL

Course Number: HIS 122

**RHS-ECS
Course Number:** SST5311

**Partner College
/University:** Farmingdale State University



Course Description: A historical evaluation of American society, assessing Reconstruction, immigration, the nature of imperialism, progressivism, World War I and II, the Cold War, and contemporary American life. This course grants three college credits.

Prerequisites: U.S. History to Reconstruction (HIS 121)

Instructor's Name: Mr. David Bordas

Instructor's Biography: Biography was not available at the time of publication.



SOCIAL STUDIES

Course Name: American National Politics
RHS-ECS Course Name: Eco/Gov't College Link

Course Number: POL 250

**RHS-ECS
Course Number:** SST5411

**Partner College
/University:** Farmingdale State University



Course Description: This course introduces students to American Politics by focusing on national politics. In addition to examining the structure of U.S. government at the federal level, this course will also investigate American political behavior (especially political parties, elections, voting) and selected policy debates the animate contemporary political discussion. This course grants three college credits.

Prerequisites: Department Approval

Instructor's Name: Mr. Edward Giancaspro

Instructor's Biography: Mr. Giancaspro has been teaching in the Yonkers Public schools for over 20 years, 16 of them as a Social Studies educator and has taught the Economics College-Link for the past 12 years. He holds a Bachelor of Science from Pace University Pleasantville, New York; a Master of Science – Mercy College Yorktown, New York; and School Building & School District Certification from the College of St. Rose – Albany, New York.



SOCIAL STUDIES

Course Name: Macroeconomics
RHS-ECS Course Name: Eco/Gov't College Link

Course Number: ECO 156

**RHS-ECS
Course Number:** SST5411

**Partner College
/University:** Farmingdale State University



Course Description: This course is designed to introduce classic macroeconomic issues such as unemployment, inflation, national income and economic growth. The course will provide a unified framework to address these issues and to study the impact of different policies, such as monetary and fiscal policies, on the aggregate behavior of the economy. Analytical tools will be used to understand the experiences of the United States and other countries, and to address how current policy initiatives affect their macroeconomic performance. This course grants three college credits.

Prerequisites: Department Approval

Instructor's Name: Mr. Edward Giancaspro

Instructor's Biography: Mr. Giancaspro has been teaching in the Yonkers Public schools for over 20 years, 16 of them as a Social Studies educator and has taught the Economics College-Link for the past 12 years. He holds a Bachelor of Science from Pace University Pleasantville, New York; a Master of Science – Mercy College Yorktown, New York; and School Building & School District Certification from the College of St. Rose – Albany, New York.



SOCIAL STUDIES



Course Name: World Civilizations II
RHS-ECS Course Name: World History CL

Course Number: HIS 118

**RHS-ECS
Course Number:** SST5521

**Partner College/
University:** Farmingdale State University

Course Description: This course is a survey of the developing world and its interaction with the West from the seventeenth century to the present. It will explore the origins of the modern era and the forces that have formed the twentieth century world relations. Scrutiny will be given to the development of Western democratic institutions through the English, French and American revolutions and European colonialism. The response of non-western societies to that expansion will dominate much of the course. Emphasis will be placed on the resultant changes in Africa, Asia and the Americas. The course will also cover the effects of modern warfare on humankind and new international institutions. The major themes of the course will center on imperialism, nationalism, modernization, the World Wars, and the Cold War. This course grants three college credits.

Prerequisites: Student must be in the Century Honors Program.

Instructor's Name: Mr. Ian Fairclough

Instructor's Biography: Mr. Fairclough has been teaching this course since 2011. He has his undergraduate degree from Quinnipiac University and majored in history.

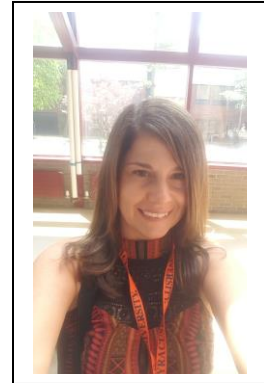


PSYCHOLOGY

Course Name: Foundations of Human Behavior
RHS-ECS Course Name: Intro to Psychology CL

Course Number: PSY 205

**RHS-ECS
Course Number:** SOS5411



**Partner College/
University:** Mercy College

Course Description: Foundations of Human Behavior offers the fundamental concepts of psychology. This course explores perception, sensation, emotion, personality, learning, memory, stress, and social behavior. The class will study how our biology is turned into personality through the functions of perception, consciousness, emotion, and motivation, as well as higher-order functions such as memory, learning, and language. Students will also learn how humans act when surrounded by others in societies is examined through the lenses of social psychology and psychological disorders. This course grants three college credits.

Prerequisites: None

Instructor's Name: Ms. Silvia Santini

Instructor's Biography: Ms. Silvia Santini has been a Special Education teacher in the Yonkers Public School system for over 20 years. Her experiences include teaching in an elementary school setting, middle school, and on a high school level. She has a Bachelor of Science in Psychology from Mercy College, New York and a Master of Science in Education from Long Island University, New York. In addition, she is an adjunct professor of an introductory course offered by the Psychology Department at Syracuse University.

Ms. Santini is also a school-wide mentor for the behavior management tool, Class Dojo and a teacher trainer for mapping techniques, Thinking Maps. Lastly, she conducts district-wide professional development sessions on Integrated Technology.

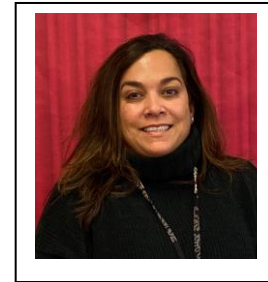


ANTHROPOLOGY

Course Name: Introduction to Anthropology
RHS-ECS Course Name: Anthropology

Course Number: ANT 100

RHS-ECS Course Number: SOS4411



**Partner College/
University:** Farmingdale State University

Course Description: Anthropology is the scientific study of human-kind. This course offers an introduction to its four major sub-fields, namely; Physical or Biological anthropology (human evolution, the fossil record, ethology); Archaeology (extinct cultures, classical civilizations, pre-history); Linguistics (language origins, development, diffusion, structure, and change); Sociocultural Anthropology (pioneers in the field, cross-cultural research, case studies, and the future). By focusing on the broad cultural implications and complexities of social communication and interaction, anthropology seeks to understand the whole human experience.

Prerequisites: None

Instructor's Name: Mrs. Leanne Schwan

Instructor's Biography: Mrs. Schwan has worked as a public educator for 24 years. She started her career in NYC where she headed a Super Start Pre-K program in 1996. Since then, she has worked mainly as a history teacher at the elementary, middle, and high school levels. In addition to being trained in the Montessori Method of teaching, she continues to develop her pedagogy by keeping abreast of current educational trends through various professional memberships. She has been a part of the Roosevelt High School Staff for seven years, and during this time, she has worked closely with the Student Government, Junior Achievement and the Shark Works programs.

Mrs. Schwan is originally from Michigan, where she received her degree in Anthropology and earned an MA in Education and an MA in School Administration from Mercy College, Dobbs Ferry, NY. In the summer of 2020, she piloted RHS's first online, College Link Anthropology course which has transitioned into a successful yearlong in-classroom course.



COMPARATIVE RELIGIONS

Course Name: Comparative Religions
RHS-ECS Course Name: Comparative Religions and Cultures

Course Number: HIS 233

**RHS-ECS
Course Number:** SOS4412

**Partner College/
University:** Farmingdale State University

Course Description: A survey of religions of the East and the region of the Mediterranean, with discussion of their impact on the lives of individuals, and on cultures and other societies through the interrelationship of value systems.

Prerequisites: None

Instructor's Name: Ms. Meaghan Turner

Instructor's Biography: Ms. Turner has been teaching at Roosevelt High School for eight years. She has a BA in secondary education from Manhattan College and an MA in history education from Lehman College.





APPENDIX A – TRANSCRIPT REQUESTS

College of Westchester: <https://success.cw.edu/forms/info/transreq.aspx> (First transcript is free; additional transcripts \$10 charge)

Lehman: <https://www.credentials-inc.com/cgi-bin/dvcqitp.pgm?ALUMTRO007022> (\$7 charge)

Mercy: <https://www.mercy.edu/office-student-services/transcript-requests>
(Official transcripts – up to five – are free)

Monroe: Jump Start Program – Students in the current academic year will receive their transcripts from a Monroe representative. Students who completed courses in a prior academic year must call the Registrar at 914-632-5400

Pace University: <http://www.pace.edu/osa/transcripts-verification>, locate and print the [Transcript Request Form](#). Or log on to the [MyPace Portal](#) (<https://portal8.pace.edu/cp/home/displaylogin>). In the “Students” Tab select “Student Records”. (Free)

Farmingdale State University: <http://www.farmingdale.edu/registrar/transcripts.shtml>. No charge if 5 transcripts are requested on one form. Otherwise there is a \$5.00 fee.

WESTCHESTER COMMUNITY COLLEGE: <http://www.sunyWestchester Community College.edu/student-services/registering-for-classes/transcripts-grades-2/> or <http://www.sunyWestchester Community College.edu/transcripts> (\$10 charge)

Iona College: <https://www.iona.edu/offices/registrar/transcripts-enrollment-verification>
(electronic copy: \$3.00 Hard copy: \$5.50)

APPENDIX B – TRANSFERABILITY OF CREDITS

Students must be aware that all of their college credits may not transfer. In general, the more competitive the institution, the more restrictive the policy on acceptance of transfer credits. In addition, some colleges may set a limit on the number of credits that can transfer, and/or the types of courses that can transfer. General education courses have a greater likelihood of being accepted for transfer credit.

Use the link listed below to a database designed by UCONN which allows users to search college credit transfer information for over 900 colleges and universities, learn about their credit transfer/equivalency policies, and see a 1-5 star ranking of credit transfer likelihood at each institution.

http://ece.uconn.edu/credit_transfer_database/index.php