SU COURSES OFFERED THROUGH PROJECT ADVANCE

Program Description
Syracuse University Project Advance (SUPA) is a cooperative program between Syracuse University (SU) and your high school that allows high school students to enroll in SU courses. Teachers who are also adjunct SU instructors teach these classes in the high school, following the curriculum and guidelines established by SU. SUPA enables high school students to gauge their ability to do college work prior to full-time college study. Upon successful completion of an SU course, students are awarded SU transcripts that record credits earned. These credits are transferable to hundreds of colleges and universities nationwide. Note that there is a per-credit tuition charge associated with SU courses, although this charge is significantly discounted and financial aid is available to eligible students. For more information about Syracuse University Project Advance, contact your guidance counselor or visit supa.syr.edu.

ACC 151/Introduction to Financial Accounting (4 credits)=**MVCC CREDIT: AC 115**
Introduces students to financial accounting concepts that aid entrepreneurs, managers, and investors in planning, operating, and analyzing a business. Prerequisites: Grade of B or better in high school math courses; recommendation from math or business instructor.

BIO 121-123/124/General Biology I and II (8 credits) **MVCC CREDIT: BI 101 & BI 102 respectfully**
Two-semester course teaches modern biological concepts, including classification of organisms, ecology, human influences on natural ecosystems, microscopy, cells, organic and inorganic chemistry, animal development, genetics, energy, and plant structure and function.

CHE 106/107/General Chemistry (4 credits) **MVCC CREDIT: CH 141 (as long take Lab component)**
The first semester of a yearlong sequence in general chemistry, covering the basic concepts and techniques needed for continued study in chemistry, medicine, biology, engineering, and physics.

CHE 116/117/General Chemistry (4 credits) **MVCC CREDIT: CH 142 (as long as take Lab component)**
This second-semester course delves into chemical kinetics, reaction mechanisms, chemical equilibrium, thermochemistry and thermodynamics, electrochemistry, voltaic cells, nuclear chemistry, organic chemistry, and polymers.

CHE 113/Forensic Science (4 credits) **MVCC CREDIT: CJ 102**
An introduction to the science behind crime detection, emphasizing techniques used in evaluating physical evidence commonly employed in forensic investigations.

CLS 105/College Learning Strategies (3 credits) **MVCC CREDIT: NOTHING**
Strategies are presented and practiced to help students maximize their learning in the context of college lectures, readings, recitations, and independent learning situations. Co-requisite: A college or AP course must be taken simultaneously with CLS 105.

CPS 100/Animation & Game Development (3 credits) **MVCC CREDIT: GD 1xx (Graphic Design Elective)**
Become the master of domains of your own creation! Learn how to develop 3D virtual worlds like those seen in video games while learning general principles of computer programming. Students work in small teams toward a virtual final project!

CRS 325/Presentational Speaking (3 credits) **MVCC CREDIT: EN 150**
The conceptual and practical dimensions of formal presentations in organizational settings: analysis, adaptation, strategic arrangement, development of ideas, verbal and nonverbal skills.

CSE 283/Introduction to Object-Oriented Design (3 credits) **MVCC CREDIT: NOTHING**
Focuses on software design principles, including top-down and object-oriented design, analysis, testing, user interface, documentation, data structures and graphic I/O.

EAR 203/Earth System Science (4 credits) **MVCC CREDIT: GL 2xx (Geology Elective)**
Explores the interaction of the biologic, hydrologic, atmospheric, and geologic processes shaping our planet over various timescales, from a few years to millions of years.

ECN 203/Economic Ideas and Issues (3 credits) **MVCC CREDIT: BM 101**
An introduction to modern Western economic thought, exploring labor, markets, micro- and macroeconomics. Students should understand basic algebra and geometry.

ECS 100/Introduction to Cybersecurity (4 credits): **MVCC CREDIT: IS 100 (may change if new course approved)**
Fundamental concepts of security, network organization and operation, including the mechanisms and history of software, hardware, and OS security.

ECS 102/Introduction to Computing (3 credits): **MVCC CREDIT: CI 110**
Covers basic computing concepts, principles of programming, applications of computing concepts, and problem solving in engineering and computer science. Instructors can choose to teach in either the C++ or Java programming language.

EEE 370/Introduction to Entrepreneurship (3 credits) **MVCC CREDIT: BM 150**
Emphasis is on entrepreneurship as a process that can be applied in virtually any organizational setting. Students apply principles, concepts, and frameworks to real-world situations.

FIN 200/Introduction to Personal Finance (3 credits): **MVCC CREDIT: BM 108**
Get the theoretical and practical skills you need to take control of your personal finances and make informed choices about loans, credit cards, investments, savings, taxes, and more.

FRE 201/French III (Intermediate French) (4 credits): **MVCC CREDIT: FR 201**
Allows students with skills at the intermediate level to continue their learning of the language in preparation for taking advanced university courses.

GER 201/Intermediate German (4 credits) **MVCC CREDIT: GR 201**
This class is conducted in German and targeted to students who have reached the novice high to intermediate low level of proficiency in German. Students work with authentic material, such as literary texts, newspaper articles, Internet resources, songs, films, and TV and radio shows.

HST 101-102/American History (6 credits): **MVCC CREDIT: HI 111 & HI 112 respectfully**
The American History sequence is a full-year course comprised of History 101: American History to 1865, and History 102: The United States Since 1865.

IST 195/Information Technologies (3 credits) **MVCC CREDIT: IS 101**
A course in personal information management tools and the role of information technology in the workplace, exposing students to everything from basic spreadsheets to complex databases.

IST 263/Design and Management of Internet Services (3 credits) **MVCC CREDIT: IS 250**
Combining entrepreneurial methods with real-world projects, this is an intensive course that covers the construction and publication of websites for the Internet.

ITA 201/Italian III (Intermediate Italian) (4 credits): **MVCC CREDIT: IT 201**
Conducted completely in Italian, the course will review Italian grammar, polish writing and speaking skills, and offer consistent exposure to Italian language and culture.

LAT 201/Latin III (4 credits): **MVCC CREDIT: FL 2xx (Foreign Language Elective)**
Through review of elementary morphology and syntax and further study of idioms, rhetorical figures, and increasingly complex syntactical constructions, students transition from reading adapted to un-adapted Latin text. Both medieval and classical texts will be studied.

LAT 310/Latin Prose Authors (4 credits) **MVCC CREDIT: HU 2xx (Humanities Elective)**
In this course, you will develop your Latin skills by reading Catullus and other Roman authors and about the history of the late Republic and Early Empire.

LAT 320/Latin Poets (3 credits): **MVCC CREDIT: HU 2xx (Humanities Elective**
Not your average poetry class, this course takes Latin to the next level by introducing Catullus, Lucretius, and other great Roman authors.

MAT 221-222/Elementary Probability & Statistics I & II (6 credits): **MVCC CREDIT: MA 110 for I, nothing for II**
The first course of this two-course sequence explores the basics of probability, sampling, data collection, and random variables as a preparation to make statistical inferences. In MAT 222, students explore more deeply the fascinating world of statistical analysis, building on the skills and knowledge learned in MAT 221 to develop a working understanding of a variety of inferential techniques.

MAT 295/Calculus I (4 credits): **MVCC CREDIT: MA 151**
Gain hands-on experience in curve sketching; functions evaluation and tabulation; and the numerical evaluation of limits, derivatives, and roots.

MAT 296/Calculus II (4 credits) **MVCC CREDIT: MA 152**
Explore exponential logarithms and inverse trigonometric functions and see how they can be applied to a wide range of topics. Pre-requisite: Contact Bill Newell (bnewell@supa.syr.edu/315.443.2404) for specific pre-requisites.

MAT 397/Calculus III (4 credits): **MVCC CREDIT: MA 254**
Designed for mathematics, science, and engineering majors, concepts include vectors, vector-valued functions, functions of several variables, partial derivatives, and multiple integration. Pre-requisite: Contact Bill Newell (bnewell@supa.syr.edu/315.443.2404) for specific pre-requisites.

MAT 414/Introduction to Ordinary Differential Equations (4 credits): **MVCC CREDIT: MA 260**
Learn analytic and qualitative aspects of first-order differential equations (linear, nonlinear), second order linear equations, Laplace transforms, and systems of first order linear equations. Pre-requisite: Contact Bill Newell (bnewell@supa.syr.edu/315.443.2404) for specific pre-requisites.

PAF 101/An Introduction to the Analysis of Public Policy (3 credits): **MVCC CREDIT: PS 102**
Covers basic research, communication, and decision-making skills used in public policy analysis.

PHY 101-102/Major Concepts of Physics I and II (8 credits): **MVCC CREDIT" PH 151 & PH 152 repectfully**
This is the one-year introductory, non-calculus physics sequence. This algebra-based course includes a regularly scheduled lab and provides the necessary physics background for health professionals and others who need physics but are not required to take a calculus-based course.

PSY 205/Foundations of Human Behavior (3 credits) **MVCC CREDIT: PY 101**
An introductory psychology course that surveys the basic principles and research findings within the major areas of psychology, including learning, memory, cognition, development, personality, and social psychology.

SOC 101/Introduction to Sociology (3 credits): **MVCC CREDIT: SO 101**
An analytic, skills-based, writing-intensive introduction to sociology. Major topics include: culture, groups, and social structure; the power and influence of the media; self and identity; social inequalities based on race, class, and gender; and social change.

SPA 201/Spanish III (Intermediate Spanish) (4 credits): **MVCC CREDIT: SP 201**
Using film, TV/radio, and literary texts, this proficiency-based course reviews the formal structures of language, refines linguistic skills, and builds awareness of Spanish culture.

SPM 205/Principles & Contemporary Issues in Sport Management (3 credits) **MVCC CREDIT: NOTHING**
For students looking for a career in sport management, this is an essential introduction to the field's contemporary concepts and issues, and it includes a practical, hands-on component.

WRT 105/Studio I: Practices of Academic Writing and ETS 142/Narratives of Culture: Introduction to Issues of Critical Reading (6 credits) **MVCC CREDIT: EN 101 & HU 1xx respectfully**
A yearlong sequence of introductory writing and English. WRT 105 teaches students strategies of critical academic writing in various genres, particularly analysis, argument, and researched writing. ETS 142 invites them to explore texts from the culture around them (from advertisements to political speeches to poetry to graphic novels) utilizing a variety of interpretive practices. Students write frequently and produce a final multimedia project or portfolio.

WRT 114/Writing Culture: Intro to Creative Nonfiction (3 credits): **MVCC CREDIT: TRF 1xx (General Elective)**
"Tell It Slant!" Explore creative nonfiction in a variety of sub-genres—memoir; biography; the personal essay; travel, science, and food writing; and "new journalism."—in a writing studio atmosphere, where you and your fellow writers can experiment with style, genre, and subject and read and analyze contemporary nonfiction masters.

NOTE: MUST OBTAIN A "C"/2.0 OR BETTER IN THE COURSE TO RECEIVE CREDIT.

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