



Looking for something new this fall? Be sure to explore the variety of new courses available at **Jamestown Community College!**

BIO 7008 Sustainable Food Production (J) CRN 3222

Students will take an interdisciplinary approach to the study of sustainable food production. Emphasis will be placed on the importance of reducing the negative global ecological impacts of industrial food production by using more sustainable methods. To achieve these goals, students will design and build a functional aquaponics system in the roof top greenhouse on the Science Center. Students will also learn about the importance of composting and get the opportunity to create their own composting system. **This course is designed to be taken in conjunction with the introduction to environmental science class and allow students to further explore some of the topics introduced within that course. Corequisite: BIO 1550.**

CMM 7002 Special Topics-Video Production (J) CRN 3898

Students will explore advanced topics in video and film production. Topics including but not limited to: lighting, sound, editing, makeup/costume, talent blocking, and documentary-style. Students will learn how to use a variety of production equipment to achieve a specific effect in video production and demonstrate proficiency in these topics in order to achieve a professional video or film image. **Prerequisite (or corequisite) CMM 1710 or CMM 1630.**

EDU 7001 Intro to Working with Children (C) CRN 3903/ (J) CRN 3901/ (D) CRN 3902

Students will examine the skills needed to work with children and the key milestones in child development. Students will explore the importance of developing professionalism in the field of education to help shape the lives of children, the quality of life in our communities, and the future. By the end of the course, students will be able to determine if a career working with children is right for them. **No requisites.**

HUM 7008 Leadership Engagement (J) CRN 3889

Students will focus on the understanding of leadership theory and elements of self-awareness, understanding personal leadership style, and followership as it applies to the leader/follower relationship. The goal of this course is to focus on students' leadership style and to prepare them for further leadership study and application. Particular focus will be given to help the students liberate the leader within themselves. The course uses the textbook and resources of "The Student Leadership Challenge" by Kouzes and Posner. **No requisites.**

INT 7551 Research Methods/Social Sciences (J) CRN 3885

Students will understand and participate in the research process, and explore both the potential of and limits of social sciences research. Students will also explore the ethics of research in the social sciences by engaging with real-world examples and practices. Students may choose to add a one-hour field work experience that will engage them in a research project in the local community. This course will count as a social science course for the purpose of distribution requirements. **Eligibility: ENG 0410 & ENG 0430 & MAT 0500.**

INT 7552 Field-Research Methods/Social Sciences (J) CRN 3886

Students will participate in a one-hour field work experience that will engage them in a research project in the local community. Students will understand and participate in the research process, and explore both the potential of and limits of social sciences research. Students will also explore the ethics of research in the social sciences by engaging with real-world examples and practices. This course will count as a social science course for the purpose of distribution requirements. **Eligibility: ENG 0410 & ENG 0430 & MAT 0500.**

NOTE: (C) Cattaraugus County Campus/ (D) North County Center/ (J) Jamestown Campus

MAN 7501 Introductory Mandarin (J) CRN 3867

Students will develop listening, speaking, reading and writing skills using both the Pinyin phonetic system and the simplified Chinese characters in Mandarin Chinese (Putonghua). Students will learn grammar and language structure through essential real-life topics, which also introduce the social and cultural background of the language. **Eligibility: ENG 1510.**

MAT 0701 Accelerated Elementary Algebra (J) CRN 3544

Students will learn basic algebraic skills necessary for further study in mathematics and many other disciplines which involve quantitative problems. Topics include a review of arithmetic and signed numbers, linear equations and inequalities, graphing and Cartesian coordinates, basic rules of exponents, polynomial arithmetic, and unit analysis. Problem solving and applications are emphasized. **Prerequisite: MAT 0300 or MAT 0400 or placement exam.**

MAT 0750 Essential Math with Quantway I (J) CRN 3548 / (C) CRN 3249

Students will engage in the study of mathematics for everyday life. This course integrates fluency with numbers, proportional reasoning, data interpretation, algebraic reasoning, modeling, and communicating quantitative information. Mathematical concepts are investigated through group problems and class discussions based on real-life contexts of citizenship, personal finances, and medical literacy. This course prepares students to take MAT 1500 - Problem Solving with Mathematics. Students placing at this level and needing MAT 0600 should take MAT 0500 instead of this course. **Prerequisites: MAT 0300 or MAT 0400 or placement exam; Eligibility: ENG 0410.**

PHE 7027 Healthy Weight Management (Online) CRN 3824

Students will develop a comprehensive and healthy approach to tackle the issues of behavioral change and weight management. Students will develop a weight loss program through lifestyle change based upon exercise science, nutritional sciences, and behavioral science. Students will gain the ability to turn that knowledge into practical strategies and an individualized program. **Eligibility: ENG 0410**

PHE 7028 Mindful Meditation (C) CRN 3866

Students will demonstrate and apply practical meditation skills including diaphragmatic breathing, correct supported posture, and the use of various meditation techniques for stress management and healing. Through practice, students will come to understand and demonstrate the basic sequencing of effective meditation techniques, create and present their own guided meditation in a class situation, maintain a personal meditation journal, and explore techniques from a variety of world traditions. The course will enable students to understand the physiological, anatomical and psychological aspects of meditation and demonstrate understanding of meditation's approach to improving health, well-being, and creativity while promoting dramatically increased harmony and balance as a basis for life-long wellness and stress management. **No requisites.**

SPA 8514 Spanish: Intercultural Exchange (J) CRN 3882

Students will develop an understanding of the attitudes, concepts, values and beliefs embedded in another culture. Using the Cultura Model, which was developed at MIT, students will interact in Spanish and English with native Spanish speakers to analyze their own cultural perspectives and compare/contrast them with the student perspectives of the partner institution. Students will enhance their cross-cultural communication skills and intercultural understanding. **Eligibility: SPA 2510.**

SPA 8515 Intermediate Healthcare Spanish I (J) CRN 3877/ (D) CRN 3878

Students will communicate in written and spoken Spanish using specialized health care terminology. They will discuss and explore cultural considerations related to serving the Spanish-speaking community. Students will participate in role-play scenarios, which prepare them to communicate in a culturally appropriate manner. This course is designed for first or second-generation Spanish speakers in the U.S. **Corequisite: SPA 2510 or must demonstrate intermediate level of higher ability to speak Spanish.**

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