

[CGCC] Curricular Changes - Effective for Academic Year [2019-20]								
This list submitted to OrACRAO on: [July 1, 2019]								
Curricular Change Cycle: [Annual]								
Annual submission date: [August 31]								
Name & contact info of person updating this template: [Susan Lewis, slewis@cgcc.edu, 541.506.6047]								
Effective Term	New (N) Modified (M) Deleted (D)	Prefix	Course#	Course Title	Credits	Course Description	Type of Change (for modified classes only)	Comments
Winter, 2019	M	PE	182D	MindBody Fitness	1	Explores wholebody empowerment to increase energy and boost strength and fitness with fun tunes and dynamic exercises. Emphasizes elements of Yoga, Functional Fitness to build strength in core, shoulders, legs and back. Incorporates both isometric holds and functional dynamic exercises that challenge and tone. Audit available	Revised description	
Summer, 2019	N	BA	150	Introduction to Entrepreneurship	4	Introduces the managerial practices of successful entrepreneurship in all types of organizations. Evaluates the business skills, leadership skills, traits, and commitment necessary to successfully operate an entrepreneurial venture. Reviews the challenges and rewards of entrepreneurship. Examines entrepreneurial businesses in the United States and their impact on the economy. Considers recent trends in social entrepreneurship. Prerequisites: RD 115, WR 115 and MTH 20 or equivalent placement test scores. Audit available.		
Summer, 2019	N	BA	196	Entrepreneurship Capstone – Year One	2	Synthesizes the first-year of study, examining an into launching a proposed entrepreneurial venture. Fosters creativity in the design and planned execution of the endeavor. Promotes awareness of the perquisites and pitfalls of entrepreneurship through interactions with actual business founders and owners. Prerequisites: completion of 30 credits of required coursework for Entrepreneurship certificate. Audit available.		
Summer, 2019	N	BA	225	Introduction to Entrepreneurship Law	4	Examines the legal and regulatory landscape for the successful entrepreneur. Topics Includes topics in business formation, agency relationships, intellectual property, employment law, antitrust regulation, and dispute resolution. Prerequisites: WR 115, RD 115 and MTH 20 or equivalent placement test scores. Audit available.		

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Summer, 2019	N	BA	296	Entrepreneurship Capstone – Year Two	2	Synthesizes the two years of study into developing an entrepreneurial venture and managing an ongoing small business. Prepares students to seek financing with an organized portfolio of work suitable for discussion with investors and other outside interested parties. Prerequisites: Completion of 60 credits of required coursework for Entrepreneurship/Small Business Management degree or instructor permission. Audit available.			
Summer, 2019	N	CAS	134	Introduction to Google Drive	3	Introduces the basic features of Google Drive and the associated programs: Sheets, Docs, and Slides. Also, introduces file management, file sharing, and multi-user collaborative work on a document. Recommended: RD 115, WR 115 and CAS 121. Audit available.			
Summer, 2019	D	CS	250	Discrete Structures	4	Introduces mathematical abstractions and reasoning used in computing, including sets, graphs, trees, functions, relations, and integers. Prerequisite: CS 160. Audit available.			
Summer, 2019	D	CS	251	Logic for Computing Scientists	4	Explores the fundamental logics used to model computing, including propositional logic, first-order logic, and first-order logic with equality. Introduces the skills to write formulae that model real-world situations, manipulate them formally, and create simple proofs. Prerequisite: CS 250. Audit available.			
Summer, 2019	D	CS	262	Programming Practices	4	Introduces and establishes practices for developing large-scale software systems, including relational databases, software development tools, distributed version control, inspection and test, and agile methods. Prerequisite: CS 162. Audit available.			
Summer, 2019	D	CS	271	Computer Systems	4	Examines computer systems organization and programming, including computer architectures and hardware, operating systems, and systems programming in C and assembly. Prerequisite: CS 260. Audit available.			

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Summer, 2019	N	ECE	199	Literacy and Language Learning for Dual Language Learners	3	Expands understanding of children's language and literacy development, and provides strategies for enhancing language/literacy experiences in an enriched environment. Covers the selection of diverse literature and interactive media, the integration of literacy concepts throughout the curriculum, appropriate observations and assessments, and inclusive practices. Prerequisite: Placement into RD 115, WR 115 and MTH 20. Audit available.		
Summer, 2019	N	ED	101	Teachers Make a Difference: Exploring the K-5 Classroom	1	Explores the modern teaching profession and the benefits associated with being an elementary school teacher in the 21st century. Provides real-life classroom experience, bringing students into K-5 instructional settings with professional teachers. Expands knowledge of a teacher's workday and basic strategies. Audit available.		
Summer, 2019	N	ED	219	Civil Rights & Multicultural Issues in Educational Settings	3	Examines multiculturalism in the context of personal and professional interaction with students, schools, communities, and workplaces. Explores the diversity of learning cultures (e.g., urban, suburban, rural) as well as the diversity of learners that exist within those different cultures. Provides an opportunity to reflect upon one's own culture and how it may influence personal learning and teaching. Recommended: ED 101. Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.		
Summer, 2019	N	EET	170	Embedded Computing	3	Explores complex computing environments where computers, operating systems, programming languages and network connections integrate. Includes projects involving programming, troubleshooting and system analysis. Prerequisites: WR 115 and MTH 65 or higher; RD 115; or equivalent placement test scores. Audit available.		

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Summer, 2019	D	HST	101	Western Civilization: Ancient to Medieval	4	Studies the ancient civilizations of Mesopotamia, Egypt, Greece and Rome. Covers development of Judeo-Christian beliefs, early Islamic civilization, Byzantine civilization, and early Medieval Europe Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.			
Summer, 2019	D	HST	102	Western Civilization: Medieval to Modern	4	Studies the High Middle Ages and early modern Europe, including the Renaissance, Reformation, Scientific Revolution, Enlightenment, and the French Revolution. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.			
Summer, 2019	D	HST	103	Western Civilization: Modern Europe	4	Studies history of 19th and 20th century Europe, including the Industrial Revolution, nationalism, imperialism, socialism, the Russian Revolution, Nazism, world wars and their aftermath. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.			
Summer, 2019	D	HST	105	History of India and South Asia Region	4	Introduces the history of India and the South Asian region. Includes political, diplomatic, economic, social, religious, and cultural themes from pre-history to modern times. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.			
Summer, 2019	D	HST	106	History of China	4	Surveys the history of China. Includes political, diplomatic, economic, social, religious and cultural themes from pre-history to modern times. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.			
Summer, 2019	D	HST	204	History of Women in the U.S.: Pre-Colonial to 1877	4	Examines the lives of women in terms of family relations, religion, culture, sexuality and reproduction, and work roles, as well as educational opportunities and social reform activities. Explores diversity in terms of class, race, ethnicity, legal status, and region. History courses are non-sequential and may be taken in any term and in any order. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.			

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Summer, 2019	D	HST	205	History of Women in the U.S.: 1877 to Present	4	Examines women's work in maturing industrial economy, women's reform activities, and changing family and social relationships. Explores class, ethnic, racial, and regional diversity. History courses are non-sequential and may be taken in any term and in any order. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.		
Summer, 2019	D	JPN	101	First Year Japanese—First Term	5	Introduces Japanese language and culture. Emphasizes effective communicative skills in written and spoken language. Examines the practice, product and perspective of Japanese culture. The first course of a three-course sequence. Audit available.		
Summer, 2019	D	JPN	102	First Year Japanese—Second Term	5	Introduces Japanese language and culture, emphasizing effective communicative skills in written and spoken language. Includes the practice, product and perspective of Japanese culture. The second course of a three-course sequence. Prerequisite: JPN 101 or instructor permission. Audit available.		
Summer, 2019	D	JPN	103	First Year Japanese—Third Term	5	Continues the introduction of Japanese language and culture, emphasizing effective communicative skills in written and spoken language. Expands the practice, product and perspective of Japanese culture. The third course of a three-course sequence. Prerequisite: JPN 102 or instructor permission. Audit available.		
Summer, 2019	D	JPN	201	Second Year Japanese—First Term	5	Reviews and continues study of Japanese language and culture, emphasizing effective communicative skills in written and spoken language. Examines new practices, products and perspectives of Japanese culture. The first course of a three-course sequence of second-year Japanese. Prerequisite: JPN 103 or instructor permission. Audit available.		

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Summer, 2019	D	JPN	202	Second Year Japanese—Second Term	5	Expands study of Japanese language and culture, emphasizing effective communicative skills in written and spoken language. Adds the new practices, products and perspectives of Japanese culture. The second course of a three-course sequence of second-year Japanese. Prerequisite: JPN 201 or instructor permission. Audit available.		
Summer, 2019	D	JPN	203	Second Year Japanese—Third Term	5	Continues study of Japanese language and culture, emphasizing effective communicative skills in written and spoken language. Expands practices, products and perspectives of Japanese culture. The third course of a three-course sequence. Prerequisite: JPN 202 or instructor permission. Audit available.		
Summer, 2019	M	MA	117	Medical Office Administrative Procedures	3	Introduces medical office administrative procedures with emphasis on patient reception, appointment scheduling, telephone techniques, mail handling, financial records, accounts receivable and payable, insurance, office management, and medical records management. Prerequisites: WR 115, RD 115, MTH 20 or equivalent placement test scores. Corequisite: MA 118.	Revised requisites (formerly: Corequisite: MA 118); revised description.	
Summer, 2019	M	MA	122	Medical Office Assistant 2	1	Examines communication and professionalism in the role of the medical assistant with emphasis on verbal and non-verbal communication, patient education and communicating wellness.	Revised requisites (formerly: PreReq: MA 112); revised description.	
Summer, 2019	M	MA	123	Medical Office Clinical Procedures	3	Covers examination room techniques, assisting the physician with examination, treatment, minor surgery, methods of asepsis and sterilization, and the proper care of equipment and supplies. Prerequisite: MP 111; BI 122 or BI 233. Corequisite: MA 124.	Revised requisites (formerly: Prerequisite: MP 111, BI 122 or BI 233, MTH 60 and placement into RD 115 and WR 115. Concurrent enrollment MA 124.); revised description.	
Summer, 2019	M	MA	131	Pathophysiology for the Medical Assistant	5	Explores concepts of disease processes as they relate to the normal physiology of the major body systems including: etiology, signs and symptoms of disease, treatment options and methods of evaluating cause and effect of diseases as it relates to the role of the medical assistant. Prerequisites: MP 111; BI 122 or BI 233.	Revised requisites (formerly: Prerequisites: MP 111; admission to the Medical Assisting Program. Corequisites: MA 123, MA 124.); revised description.	

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Summer, 2019	M	MA	132	Medical Office Assistant 3	3	Presents an introduction to community resources, an overview of the process and requirements of the directed practice, and a review for the national credential examination. Corequisite: MA 270.	Revised requisites (formerly: Prerequisites: MA 122.); revised description.	
Summer, 2019	M	MA	136	Medications	2	Introduces drug therapy with emphasis on safety and classifications of common drugs and their actions, appropriate drug uses, therapeutic effects, adverse effects and contraindications. Correlates nutritional deficits with common diseases. Reviews common prescription abbreviations, forms of medications and drug regulations. Prerequisites: MP 111; MTH 60 or MTH 98.	Revised requisites (formerly: Prerequisites: MA 123, MA 124, MP 111 and admission to the MA program.); revised description.	
Summer, 2019	M	MA	180	Coding and Reimbursement	2	Introduces CPT, ICD and HCPCS coding and reimbursement systems for physician offices and medical clinics. Prerequisite/concurrent: MP 111.	Revised requisites (formerly: Prerequisite: MP 111); revised description.	
Summer, 2019	M	MA	270	Clinical Practicum	6	Practice administrative skills and clinical skills in a medical clinic/physician office setting. Prerequisites: HE 113; Department permission required.	Revised requisites (formerly: Department permission required); revised description.	
Summer, 2019	N	MEC	124	Mechatronic Systems in Advanced Manufacturing	3	Introduces the concepts, terms, and application of advanced manufacturing principles and practices and explores the role of mechatronic systems in the manufacturing process. Includes operations management, industry standards, basic heating and refrigeration, and maintenance. Explores applications of robots, computers, and control systems in a manufacturing environment. Prerequisites: WR 115 and MTH 65 or higher; RD 115; or equivalent placement test scores. Audit available.		
Summer, 2019	D	NUR	110	Nursing I: Fundamentals of Nursing	10	Introduces the collection and organization of client/ patient data relating to nursing care responsibilities in community-based long-term care. Examines the roles and interaction of nursing theory and practice as they relate to the physiological, psychological, sociocultural, developmental and spiritual needs of clients/patients. Prerequisite: NUR 60 and admission to the Nursing Program.		

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Summer, 2019	D	NUR	111	Nursing II: Care Across the Lifespan	10	Integrates nursing theory and practice as they relate to growth and development, psychosocial coping responses to illness, and alterations in the health status of adults, children and their families. Includes content on the obstetrical client/patient. Covers application of nursing process to promote health of clients/patients in acute care and community-based settings. Prerequisite: NUR 110 or admission into the Nursing Program by advanced placement.		
Summer, 2019	D	NUR	112	Nursing III: Obstetrics & Chronic Healthcare	10	Expands on nursing theory and practice related to nursing care focusing on acute and chronic healthcare needs of patients. Includes nursing care responsibilities for patients and their families in the acute care and obstetrical settings. Prerequisite: NUR 111 or admission into the Nursing Program by advanced placement.		
Summer, 2019	D	NUR	210	Nursing IV: Psychiatric & Complex Acute Care	9	Continues nursing curriculum and clinical practices of roles and responsibilities at the registered nurse level. Provides opportunities to learn and apply the knowledge and skills necessary to implement care for complex acute care and psychiatric clients. Prerequisite: NUR 112 or admission into the Nursing Program by advanced placement.		
Summer, 2019	D	NUR	211	Nursing V: Emergent Healthcare	9	Explores the higher level nursing roles found in critical care, end of life care, and discharge planning within hospital and community settings. Emphasizes the planning and delivery of individualized, holistic and more complex nursing care to seriously ill clients in the acute care area. Prerequisite: NUR 210.		
Summer, 2019	D	NUR	212	Nursing VI: Preceptorship	9	Integrates theory and registered nurse practice through preceptorship and capstone projects. Includes preceptorship placement in either the acute care, specialty care, or community-based care setting. Emphasizes leadership and management concepts. Prerequisite: NUR 211.		

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Summer, 2019	D	PE	182I	Aerial Yoga	1	Introduces aerial postures that support the body and relieve tensions. Explores common restful and meditative yoga postures that help improve alignment and increase space and mobility in the back and joints. Fun, J̄exible, restful and strength-focused for all levels of yoga practitioners. Audit available.		
Summer, 2019	M	PSY	201A	General Psychology	4	Surveys the major concepts, theoretical perspectives, empirical findings, and historical trends in scientific research, biological psychology, sensation and perception, learning theory, memory, language, cognition, consciousness, and human development. Provides an overview of popular trends, examines the overarching themes of heredity vs. environment, stability vs. change, and free will vs. determinism, and emphasizes the sociocultural approach which assumes that gender, culture, and ethnicity are essential to understanding behavior, thought, and emotion. PSY 201A and 202A are not sequential and may be taken in any order. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.	Revised title (formerly: Introduction to Psychology - Part 1). Revised description.	
Summer, 2019	M	PSY	202A	General Psychology	4	Surveys the major concepts, theoretical perspectives, empirical findings, and historical trends in personality theory, psychological disorders, therapy, emotion, motivation, intelligence, health psychology, and social psychology. Provides an overview of popular trends, examines the overarching themes of heredity vs. environment, stability vs. change, and free will vs. determinism, and emphasizes the sociocultural approach which assumes that gender, culture, and ethnicity are essential to understanding behavior, thought, and emotion. PSY 201A and 202A are not sequential and may be taken in any order. Prerequisites: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121. Audit available.	Revised title (formerly: Introduction to Psychology - Part 2). Revised description.	

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Summer, 2019	D	RET	101	Introduction to Wind Turbine Operations	2	Introduces the basic concepts, terminology, and technology used by industrial scale horizontal axis wind turbine generators to capture wind energy and transform it into electrical energy. Prerequisites: EET 111. Audit available.		
Summer, 2019	D	RET	102	Alternate Energy Resources	1	Introduces potential alternatives to carbon-based power generation (coal and oil) including biomass/biofuel, geothermal, hydrogen and fuel cells, hydroelectric, ocean wave, solar, wind, and nuclear energy. Discusses the potential role of clean coal as a bridge to implementing long-term environmental solutions. Explores micro-grids (community-based renewable power generation systems) as an alternative to utility-scale technologies. Audit available.		
Summer, 2019	N	UAS	102	Small Unmanned Aircraft Systems: Aerial Photogrammetry	4	Introduces the fundamentals of photogrammetry with sUAS (drones), including concepts, real-world examples, navigation, best practices, data acquisition, mission assessment, data processing and map delivery. Recommended: COMM 111. Prerequisites: UAS 101, MTH 95 or higher or equivalent placement test scores. Audit available.		
Summer, 2019	N	UAS	103	Small Unmanned Aircraft Systems for Public Safety	4	Introduces the fundamentals in the use of sUAS to support public safety operations. Includes: search and rescue, law enforcement and fire operations. Integrates lectures, discussions and practical assignments facilitated by topical industry experts. Prepares individuals to handle infrared sUAV camera's and understand the practical application within each topic. Recommended: COMM 111. Prerequisites: UAS 102; TOP Level 2 Certification. Audit available.		