M E M O R A N D U M

Faculty Senate approved November 3, 2022

TO: Deans and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: October 25, 2022

SUBJECT: Minor Change Bulletin No. 4

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	Revise Drop	Current	Proposed	Effective Date
CPT S	**327**	**Revise**	~~**Introduction to Cyber Security**~~ 3 Course Prerequisite: CPT S 223 or 233 with a C or better; CPT S 260 or E E 234 with a C or better; CPT S 360 or 370 with a C or better or concurrent enrollment; MATH 216 with a C or better. Security and privacy principles in modern computers and network communications covering various security protection mechanisms, including cryptography, secure communication protocols, and anonymity techniques. Typically offered Fall and Spring.	**Fundamentals of Cyber Security and Cryptography** 3 Course Prerequisite: CPT S 223 or 233 with a C or better; CPT S 260 or E E 234 with a C or better; CPT S 360 or 370 with a C or better or concurrent enrollment; MATH 216 with a C or better. Security and privacy principles in modern computers and network communications covering various security protection mechanisms, including cryptography, secure communication protocols, and anonymity techniques. Typically offered Fall and Spring.	**8-23**
CPT S	**427**	**Revise**	~~**Applied Cyber Security**~~ 3 Course Prerequisite: CPT S 327 with a C or better. ~~Wireless protocol security, network packet analysis, incidence response cycles, fault tolerance, security in virtual and cloud environments, and distributed computer security~~. Typically offered Spring.	**Cyber Security of Wireless and Distributed Systems** 3 Course Prerequisite: CPT S 327 with a C or better. Cellular and wireless system security, incidence response cycles, fault tolerance, and distributed computer security. Typically offered Spring.	**8-23**
CPT S	**428 / 528**	**Revise**	~~**Advanced Cyber Security**~~ 3 Course Prerequisite: CPT S 327 with a C or better. Key aspects of cyber security with an emphasis on software and systems security	**Software Security and Reverse Engineering** 3 Course Prerequisite: CPT S 327 with a C or better. Key aspects of cyber security with an emphasis on	**8-23**

			focusing on concepts, principles, methodologies, and techniques for measuring and defending the various security properties of both operating systems and application software. Credit not granted for both CPT S 428 and CPT S 528. Offered at 400 and 500 level. Typically offered Spring.	software and systems security focusing on concepts, principles, methodologies, and techniques for measuring and defending the various security properties of both operating systems and application software. Credit not granted for both CPT S 428 and CPT S 528. Offered at 400 and 500 level. Typically offered Spring.	
CPT S / E E	**439**	**Revise**	~~**Critical Infrastructure Security: The Emerging Smart Grid**~~ 3 Course Prerequisite: ~~Senior standing~~. ~~Smart electric grid, communication networks, distributed computing, fault tolerant computing, cyber security, analyzing interdependencies between the smart grid components, smart grid standards and protocols~~. (Crosslisted course offered as E E 439, CPT S 439). Typically offered Spring.	**Cyber Security of Critical Infrastructure Systems** 3 Course Prerequisite: CPTS 327 and 426 with a C or better or concurrent enrollment; admitted to the major or minor in Computer Science, Software Engineering, Cybersecurity, Data Analytics; OR EE 234 and 361; admitted to major or minor in Electrical Engineering; OR CPTS 327 and EE 234; admitted to major or minor in Computer Engineering. Security topics as they relate to critical infrastructure systems vital to any nation including industrial control systems, cyber physical systems, SCADA, DCS, IoT, IIoT, and the knowledge to secure such systems. (Crosslisted course offered as E E 439, CPT S 439). Typically offered Spring.	**8-23**
CPT S / E E	**455**	**Revise**	~~**Introduction to Computer Networks**~~ 3 Course Prerequisite: CPT S 360, 370, or E E 234, with a C or better; admitted to the major or minor in Computer Science, Computer Engineering, Electrical Engineering, Software Engineering, or Data Analytics. ~~Concepts and implementation of computer networks; architectures, protocol layers, internetworking and addressing case studies~~. (Crosslisted course offered as CPT S 455, E E 455). Typically offered Fall.	**Introduction to Computer Networks and Security** 3 Course Prerequisite: CPT S 360, 370, or E E 234, with a C or better; admitted to the major or minor in Computer Science, Computer Engineering, Electrical Engineering, Software Engineering, or Data Analytics. Concepts and implementations of computer networks; architectures, protocol layers, internetworking, addressing case studies, and discussion of security constraints at all layers of the OSI stack from attacker and defender perspectives. (Crosslisted course offered as CPT	**8-23**

				S 455, E E 455). Typically offered Fall.	
NEP	**501**	**Revise**	~~**Community Supervised Practice**~~ 5 (1-12) Course Prerequisite: Admission to the Coordinated Program in Dietetics. Review of literature in dietetic education and health promotion including supervised practice in community facilities.	**Community Nutrition Supervised Practice** 5 (1-12) Course Prerequisite: Admission to the Coordinated Program in Dietetics. Review of literature in dietetic education and health promotion including supervised practice in community facilities.	**1-23**
NEP	**540**	**Revise**	~~**Clinical Supervised Practice**~~ ~~10~~ Course Prerequisite: NEP 537; admission to the Coordinated Program in Dietetics. Clinical supervised practical experience for graduate students in coordinated program in dietetics. Typically offered Fall and Spring.	**Clinical Nutrition Supervised Practice** 9 Course Prerequisite: NEP 537; admission to the Coordinated Program in Dietetics. Clinical supervised practical experience for graduate students in coordinated program in dietetics. Typically offered Fall and Spring.	**1-23**
NEP	**551**	**Revise**	~~**Management Practices in Food Service**~~ 5 (1-12) Course Prerequisite: Admission to the Coordinated Program in Dietetics. Advanced principles and supervised experience in food systems, institutional food service management, school food service and community feeding programs. Typically offered Fall and Spring.	**Food Service Management Supervised Practice** 5 (1-12) Course Prerequisite: Admission to the Coordinated Program in Dietetics. Advanced principles and supervised experience in food systems, institutional food service management, school food service and community feeding programs. Typically offered Fall and Spring.	**1-23**
POL S / PHIL	**437**	**Revise**	~~[M]~~ **Classical Political Thought** 3 The development of political philosophy from the pre-Socratics to Machiavelli. (Crosslisted course offered as POL S 437, PHIL 437). Typically offered Fall.	**Classical Political Thought** 3 The development of political philosophy from the pre-Socratics to Machiavelli. (Crosslisted course offered as POL S 437, PHIL 437). Typically offered Fall.	**8-23**