M E M O R A N D U M

TO: Deans and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: March 13, 2023

SUBJECT: Minor Change Bulletin No. 9

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
CE	**431**	Revise	**Structural Steel Design** 3 ~~Course Prerequisite: CE 330 with a C or better; CE 414 or concurrent enrollment; admitted to the major in Civil Engineering or Construction Engineering.~~ Design of steel structures by load and resistance factor design (LRFD); behavior and design of beams, columns, tension members and connections. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	**Structural Steel Design** 3 <u>Course Prerequisite: CE 330 with a C or better; admitted to the major in Civil Engineering or Construction Engineering.</u> Design of steel structures by load and resistance factor design (LRFD); behavior and design of beams, columns, tension members and connections. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	**8-23**
CE	**433**	Revise	**Reinforced Concrete Design** 3 ~~Course Prerequisite: CE 330 with a C or better; CE 414 or concurrent enrollment; admitted to the major in Civil Engineering or Construction Engineering.~~ Behavior, analysis, and design of reinforced concrete structures; flexure; shear; bond; serviceability requirements; design of beams, columns, and slabs. Typically offered Fall and Summer. Cooperative: Open to UI degree-seeking students.	**Reinforced Concrete Design** 3 <u>Course Prerequisite: CE 330 with a C or better; admitted to the major in Civil Engineering or Construction Engineering.</u> Behavior, analysis, and design of reinforced concrete structures; flexure; shear; bond; serviceability requirements; design of beams, columns, and slabs. Typically offered Fall and Summer. Cooperative: Open to UI degree-seeking students.	**8-23**
CE	**434**	Revise	**Masonry Design** 3 ~~Course Prerequisite: CE 330 with a C or better; CE 414 or concurrent~~	**Masonry Design** 3 <u>Course Prerequisite: CE 330 with a C or better; admitted to the major in</u>	**8-23**

			~~enrollment; admitted to the major in Civil Engineering or Construction Engineering.~~ Behavior and design of masonry structures. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	<u>Civil Engineering or Construction Engineering.</u> Behavior and design of masonry structures. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	
CE	**436**	Revise	**Design of Timber Structures** 3 ~~Course Prerequisite: CE 330 with a C or better; CE 414 or concurrent enrollment; admitted to the major in Civil Engineering or Construction Engineering.~~ Engineering properties of wood materials; analysis and design of members, connections, trusses, shearwalls and structural diaphragms; durability and moisture effects on engineered wood products. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	**Design of Timber Structures** 3 <u>Course Prerequisite: CE 330 with a C or better; admitted to the major in Civil Engineering or Construction Engineering.</u> Engineering properties of wood materials; analysis and design of members, connections, trusses, shearwalls and structural diaphragms; durability and moisture effects on engineered wood products. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	**8-23**
ENGR	**421**	Revise	**[CAPS] [M] Multidisciplinary Engineering Design II** 3 (1-4) ~~Course Prerequisite: Admitted to an engineering major; senior standing.~~ Prototype solution developed and evaluated and business plan completed; presentation to stake holders; team development and assessment. Field trip required. Typically offered Spring.	**[CAPS] [M] Multidisciplinary Engineering Design II** 3 (1-4) <u>Course Prerequisite: ENGR 420; admitted to an engineering major; senior standing.</u> Prototype solution developed and evaluated and business plan completed; presentation to stake holders; team development and assessment. Field trip required. Typically offered Spring.	**8-23**
KIN ACTV	**101**	Revise	~~**Beginning Conditioning**~~ 1 (0-2) May be repeated for credit; cumulative maximum 4 credits. Typically offered Fall and Spring. S, F grading.	<u>**Get Fit!**</u> 1 (0-2) May be repeated for credit; cumulative maximum 4 credits. Typically offered Fall and Spring. S, F grading.	**8-23**
MATH	**182**	Revise	**Honors Calculus II** 4 (3-3) ~~Course Prerequisite: MATH 171 with a C or better; by department permission only.~~ Single variable calculus, series, with emphasis on conceptual development and problem solving. Credit not granted for both MATH 172 and 182. Typically offered Fall.	**Honors Calculus II** 4 (3-3) <u>Course Prerequisite: MATH 171 with a C or better.</u> Single variable calculus, series, with emphasis on conceptual development and problem solving. Credit not granted for both MATH 172 and 182. Typically offered Fall.	**8-23**

MATH	**220**	**Revise**	**Introductory Linear Algebra** 2 ~~Course Prerequisite: MATH 171 or concurrent enrollment.~~ Enrollment not allowed if credit already earned for MATH 225 or 230. Solving linear systems, matrices, determinants, subspaces, eigenvalues, orthogonality. Credit not granted for more than one of MATH 220, 225, and 230. Typically offered Fall, Spring, and Summer.	**Introductory Linear Algebra** 2 <u>Course Prerequisite: MATH 106, 140, 171, 201, or 202, each with a C or better, or a minimum ALEKS math placement score of 80%.</u> Enrollment not allowed if credit already earned for MATH 225 or 230. Solving linear systems, matrices, determinants, subspaces, eigenvalues, orthogonality. Credit not granted for more than one of MATH 220, 225, and 230. Typically offered Fall, Spring, and Summer.	**8-23**
MATH	**230**	**Revise**	**Honors Introductory Linear Algebra** 3 ~~Course Prerequisite: MATH 171 or concurrent enrollment.~~ Enrollment not allowed if credit already earned for MATH 220 or 225. An introduction to linear algebra with an emphasis on conceptual development. Credit not granted for more than one of MATH 220, 225, and 230. Typically offered Spring.	**Honors Introductory Linear Algebra** 3 <u>Course Prerequisite: MATH 106, 140, 171, 201, or 202, each with a C or better, or a minimum ALEKS math placement score of 80%.</u> Enrollment not allowed if credit already earned for MATH 220 or 225. An introduction to linear algebra with an emphasis on conceptual development. Credit not granted for more than one of MATH 220, 225, and 230. Typically offered Spring.	**8-23**
MATH	**283**	**Revise**	**Honors Calculus III** 2 ~~Course Prerequisite: MATH 182 or by department permission.~~ Multivariable calculus with emphasis on conceptual development and problem solving. Credit not granted for both MATH 273 and 283. Typically offered Spring.	**Honors Calculus III** 2 <u>Course Prerequisite: MATH 172 with a B or better, or MATH 182 with a C or better.</u> Multivariable calculus with emphasis on conceptual development and problem solving. Credit not granted for both MATH 273 and 283. Typically offered Spring.	**8-23**
PSYCH	**328**	**Revise**	**[M]** ~~Self Control~~ 3 ~~Analysis of self-control problems; application of behavioral principles to student-conducted projects.~~ Recommended preparation: PSYCH 105. Typically offered Fall and Spring.	**[M]** <u>**Behavior Modification**</u> 3 <u>Analysis of behavior; application of behavioral principles to self-modification projects.</u> Recommended preparation: PSYCH 105. Typically offered Fall and Spring.	**8-23**
SPANISH	**365**	**Revise**	**Spanish for Translation and Interpretation Professions** 3 Course Prerequisite: SPANISH 306, 307, or 308 with a C or	**Spanish for Translation and Interpretation Professions** 3 Course Prerequisite: SPANISH 306, 307, or 308 with a C or	**5-23**

| | | | better. Specialized Spanish language training in written translation; spoken interpretation techniques to facilitate high quality cross-cultural communication. ~~Not open to native speakers except with permission.~~ Typically offered Fall and Spring. | better. Specialized Spanish language training in written translation; spoken interpretation techniques to facilitate high quality cross-cultural communication. Typically offered Fall and Spring. | |