

Curriculum Committee Approvals: October 29th & November 5th

• New Courses:

- **AUTO P1 (Powertrains: Modifications for Performance-** 4 Units, 3 Units Lecture, 1 Unit Lab) 1X, O, **CSU T**. Prerequisite: AUTO INTR with a minimum grade of C. TOP Code: 0948.00- Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2019)
- **ENG 1AEX (Critical Reading and Composition Expanded -** 4 Units, 3 Units Lecture, 1 Unit Lab) GR, 1X, **AA/AS GE, CSU T/GE: A2, UC T, IGETC: 1A, C-ID# ENGL 100**. Prerequisites: ENG 104 with a minimum grade of P or ESL 25 with a minimum grade of C. TOP Code: 1501.00- English. SAM Code: E. Discipline: English. (Start Date: Fall 2019)
- **KIN CYCL3 (Cycling 3-** .5-2 Units, .5-2 Units Lab) 1X, O, **AA/AS GE, CSU T/GE: E, UC T**. TOP Code: 0835.00- Physical Education. SAM Code: E. **Discipline: Physical Education**. (Start Date: Fall 2019)
- **KIN OM1 (Optimal Movement-** .5-2 Units, .5-2 Units Lab) O, 1X, **AA/AS Kinesiology, CSU T/GE: E, UC T**. TOP Code: 0835.00- Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2019)
- **MATH 66C (Concurrent Support for Calculus I, II, III-** 1 Unit, 1 Unit Lab) O, 1X, **DE**, One-Way Corequisite: MATH 1 or MATH 2 or MATH 3, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 66 (Math Jam for Calculus-** 0.5-1 Unit, 0.5-1 Unit Lab) P/NP, 1X, **DE**, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics: Noncredit. (Start Date: Fall 2019)
- **MATH 100C (Concurrent Support for SLAM Mathematics-** 1 Unit, 1 Unit Lab) P/NP, 1X, **DE**, One level below Transfer, One-Way Corequisite: MATH 40 or MATH 47 or MATH 33, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 101C (Concurrent Support for BSTEM Mathematics-** 1 Unit, 1 Unit Lab) P/NP, 1X, **DE**, One level below Transfer, One-Way Corequisite: MATH 30 or MATH 34 or MATH 39, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)

• New Noncredit Courses:

- **NHRT 201 (Fundamentals of Horticulture-** 32 hours, 8 hours Lecture, 24 hours Lab) P/NP, Short-Term Vocational. TOP Code: 0109.00 – Horticulture*. SAM Code: C. Discipline: Vocational (short-term): Noncredit. (Start Date: Fall 2019)
- **NHRT 202 (Landscape and Garden Maintenance-** 32 hours, 8 hours Lecture, 24 hours Lab) P/NP, Short-Term Vocational. TOP Code: 0109.10- Landscape Design and Maintenance*. SAM Code: C. Discipline: Vocational (short-term): Noncredit. (Start Date: Fall 2019)
- **NHRT 203 (Nursery and Garden Center Practices-** 32 hours, 8 hours Lecture, 24 hours Lab) P/NP, Short-Term Vocational. TOP Code: 0109.30- Nursery Technology*. SAM Code: C. Discipline: Vocational (short-term): Noncredit. (Start Date: Fall 2019)
- **NHRT 204 (Landscape and Garden Planning-** 32 hours, 8 hours Lecture, 24 hours Lab) P/NP, Short-Term Vocational. TOP Code: 0109.10- Landscape Design and Maintenance*. SAM Code: C. Discipline: Vocational (short-term): Noncredit. (Start Date: Fall 2019)
- **NMAT 200C (Concurrent Support for SLAM-** 54 hours, 54 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, One level below Transfer, One-Way Corequisite: MATH 40 or MATH 47 or MATH 33, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 201C (Concurrent Support for BSTEM-** 54 hours, 54 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, One level below Transfer, One-Way Corequisite: MATH 30 or MATH 34 or MATH 39, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)

- **NMAT 202C (Just in Time Concurrent Support for Mathematics-** 1-54 hours, 1-54 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, One level below Transfer, One-Way Corequisite: MATH 30 or MATH 33 or MATH 34 or MATH 39 or MATH 40 or MATH 47, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 207 (Pre-Algebra-** 108 hours, 54 hours Lecture, 54 hours Lab) O, **DE**, Elementary and Secondary Basic Skills, Three levels below Transfer, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 210 (Elementary Algebra-** 72 hours, 72 hours Lecture) O, **DE**, Elementary and Secondary Basic Skills, Two levels below Transfer, Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C or NMAT 207 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 210C (Concurrent Support for Elementary Algebra-** 54 hours, 54 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, Three levels below Transfer, One-Way Corequisite: MATH 110 or MATH 210, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 250 (Intermediate Algebra for SLAM-** 108 hours, 54 hours Lecture, 54 hours Lab) O, **DE**, Elementary and Secondary Basic Skills, One level below Transfer, Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C or NMAT 210 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 255 (Intermediate Algebra for BSTEM-** 90 hours, 90 hours Lecture) O, **DE**, Elementary and Secondary Basic Skills, One level below Transfer, Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C or NMAT 210 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 255C (Concurrent Support for Intermediate Algebra-** 54 hours, 54 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, Two level below Transfer, One-Way Corequisite: MATH 50 or MATH 55 or NMAT 250 or NMAT 255, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 261 (Math Jam for Pre-Algebra Preparation –** 30-60 hours, 30-60 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, Four levels below Transfer, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 262 (Math Jam for Elementary Algebra Preparation –** 30-60 hours, 30-60 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, Three levels below Transfer, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 263 (Math Jam for Intermediate Algebra Preparation –** 30-60 hours, 30-60 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, Two levels below Transfer, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- **NMAT 264 (Math Jam for SLAM Preparation –** 30-60 hours, 30-60 hours Lab) P/NP, **DE**, Elementary and Secondary Basic Skills, One levels below Transfer, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)

- **NMAT 265 (Math Jam for BSTEM Preparation – 30-60 hours, 30-60 hours Lab) P/NP, DE,** Elementary and Secondary Basic Skills, One levels below Transfer, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics- Basic Skills: Noncredit. (Start Date: Fall 2019)
- Modified Courses:
 - **ANTR 1 (Biological Anthropology- 3 Units, 3 Units Lecture) NSC: 1X, O, DE, AA/AS GE, CSU T/GE: B2, D, UC T, IGETC: 4, 5B, C-ID# ANTH 110.** Strongly Recommended: Eligibility for ENG 1A. TOP Code: 2202.00- Anthropology. SAM Code: E. Discipline: Anthropology. (Start Date: Fall 2019)
 - **ANTR 13 (Introduction to Forensic Anthropology- 3 Units, 3 Units Lecture) NSC: 1X, O, AA/AS GE, CSU T/GE: B2, UC T, IGETC: 5B.** Strongly Recommended: Eligibility for ENG 1A. TOP Code: 2202.00- Anthropology. SAM Code: E. Discipline: Anthropology. (Start Date: Fall 2019)
 - **ARHS 1 (Introduction to Art History- 3 Units, 3 Units Lecture) O, 1X, AA/AS GE: , CSU T/GE: C1, UC T, IGETC: 3A, C-ID# ARTH 100.** Strongly Recommended: Eligibility for ENG 1A. TOP Code: 1001.00- Fine Arts, General. SAM Code: E. Discipline: Art History. (Start Date: Fall 2019)
 - **ARHS 4 (Western Art History- Ancient to Medieval- 3 Units, 3 Units Lecture) O, 1X, AA/AS GE, CSU T/GE: C1, UC T, IGETC: 3A, C-ID# ARTH 110.** Prerequisite: Eligibility for ENG 1A. TOP Code: 1001.00- Fine Arts, General. SAM Code: E. Discipline: Art History. (Start Date: Fall 2019)
 - **ARHS 5 (Western Art History- Renaissance to Contemporary- 3 Units, 3 Units Lecture) O, 1X, AA/AS GE, CSU T/GE: C1, UC T, IGETC: 3A, C-ID# ARTH 120.** Strongly Recommended: Eligibility for ENG 1A. TOP Code: 1001.00- Fine Arts, General. SAM Code: E. Discipline: Art History. (Start Date: Fall 2019)
 - **BIO 1B (General Zoology - 5 Units, 3 Units Lecture, 2 Units Lab) GR, 1X, AA/AS GE, CSU T/GE: B2/B3, UC T, IGETC: 5B/5C, C-ID# BIOL 150/BIOL 135 S** if taken with BIO 1A and 1B. Strongly Recommended: BIO 30. TOP Code: 0407.00- Zoology, General. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)
 - **BIO 7A (Human Anatomy - 5 Units, 3 Units Lecture, 2 Units Lab) GR, 1X, AA/AS GE, CSU T/GE: B2/B3, UC T, IGETC: 5B/5C, C-ID# BIOL 110B.** Prerequisite: BIO 30 with a minimum grade of C, Strongly Recommended: Eligibility for ENG 1A. TOP Code: 0410.00- Anatomy and Physiology. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)
 - **BIO 7B (Human Physiology - 5 Units, 3 Units Lecture, 2 Units Lab) GR, 1X, AA/AS GE, CSU T/GE: B2/B3, UC T, IGETC: 5B/5C, C-ID# BIOL 120.** Prerequisites: CHEM 30A with a minimum grade of C or CHEM 31 with a minimum grade of C or CHEM 1A with a minimum grade of C, BIO 7A with a minimum grade of C. Strongly Recommended: Eligibility for ENG 1A, CHEM 30B. TOP Code: 0410.00- Anatomy and Physiology. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)
 - **BIO 20 (Contemporary Human Biology - 3 Units, 3 Units Lecture) GR, 1X, CSU T/GE: B2, UC T, IGETC: 5B.** TOP Code: 0401.00- Biology, General. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)
 - **BIO 30 (Introduction to College Biology - 4 Units, 3 Units Lecture, 1 Unit Lab) GR, 1X, AA/AS GE, CSU T/GE: B2/B3, UC T, IGETC: 5B/5C.** Strongly Recommended: MATH 110 or MATH 110B, Eligibility for ENG 1A. TOP Code: 0401.00- Biology, General. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)
 - **BIO 50 (Anatomy and Physiology - 4 Units, 3 Units Lecture, 1 Unit Lab) GR, 1X, AA/AS GE, CSU T/GE: B2/B3, UC T, IGETC: 5B/5C.** TOP Code: 0410.00- Anatomy and Physiology. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)

- **BIO 60 (Marine Biology** 4 Units, 3 Units Lecture, 1 Unit Lab) O, 1X, AA/AS GE, CSU T/GE: B2/B3, UC T, IGETC: 5B/5C. TOP Code: 0401.00- Biology, General. SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2019)
- **CNT 7285 (Cloud Infrastructure: CompTIA Cloud + Certification-** 3 Units, 2.5 Units Lecture, .5 Units Lab) NSC: 1X, O, DE, CSU T. Strongly Recommended: CNT 8001 with a minimum grade of C. TOP Code: 0708.00- Computer Infrastructure and Support*. SAM Code: C. Discipline: Computer Service Technology. (Start Date: Fall 2019)
- **CNT 7701 (IT Virtualization Data Centers, VMware Certification-** 3 Units, 2.5 Units Lecture, .5 Units Lab) NSC: 1X, O, DE, CSU T. Strongly Recommended: CNT 8001 with a minimum grade of C, CNT 51 with a minimum grade of C, CNT 52 with a minimum grade of C. TOP Code: 0708.00- Computer Infrastructure and Support*. SAM Code: C. Discipline: Computer Service Technology. (Start Date: Fall 2019)
- **CS 17 (Discrete Mathematical Structures-** 4 Units, 4 Units Lecture, No Unit Value Lab) NSC: 1X, GR, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, C-ID# COMP 152. Prerequisite: MATH 1 with a minimum grade of C (May be taken concurrently), CS 1 with a minimum grade of C (May be taken concurrently). TOP Code: 0706.00- Computer Science (transfer). SAM Code: E. Discipline: Mathematics or Computer Science. (Start Date: Fall 2019)
- **ECE 42 (Early Childhood Math and Science-** 3 Units, 3 Units Lecture) GR, 1X, CSU T. Prerequisite: ECE 63 with a minimum grade of C. TOP Code: 1305.00- Child Development/Early Care and Education*. SAM Code: D. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ECE 54 (Child health, Safety and Nutrition -** 3 Units, 3 Units Lecture) GR, 1X, CSU T/GE: E. TOP Code: 1305.00- Child Development/Early Care and Education*. SAM Code: C. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ECE 60 (Introduction to the Young Child with Exceptional Needs -** 3 Units, 3 Units Lecture) GR, 1X, CSU T. Prerequisite: ECE 56 with a minimum grade of C. TOP Code: 1305.20- Children with Special Needs*. SAM Code: C. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ECE 61 (Literature for the Young Child -** 3 Units, 3 Units Lecture) GR, 1X, CSU T/GE: C1. TOP Code: 1305.00- Child Development/Early Care and Education*. SAM Code: C. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ECE 68 (Administration II: Personnel and Leadership in Early Childhood Education -** 3 Units, 3 Units Lecture) GR, 1X, CSU T. Prerequisite: ECE 62 with a minimum grade of C, ECE 63 with a minimum grade of C. TOP Code: 1305.80- Child Development Administration and Management*. SAM Code: C. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ECE 78 (Language Development -** 3 Units, 3 Units Lecture) GR, 1X, CSU T. Prerequisite: ECE 56 with a minimum grade of C. TOP Code: 1305.00- Child Development/Early Care and Education*. SAM Code: C. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ECE 87 (Quality Environments for Infants and Toddlers -** 3 Units, 3 Units Lecture) NSC: GR, 1X, CSU T. Strongly Recommended: ECE 67 with a minimum grade of C. TOP Code: 1305.00- Child Development/Early Care and Education*. SAM Code: E. Discipline: Child Development/Early Childhood Education. (Start Date: Fall 2019)
- **ENG 32 (U.S. Women's Literature-** 3 Units, 3 Units Lecture) NSC: 1X, GR, DE, AA/AS GE, CSU T/GE: C2, UC T, IGETC: 3B. Prerequisite: ENG 1A with a minimum grade of C. TOP Code: 1501.00- English. SAM Code: E. Discipline: English. (Start Date: Fall 2019)
- **EVST 5 (Energy and Sustainability -** 3 Units, 3 Units Lecture) SC: O, 1X, AA/AS GE, CSU T/GE: B1, UC T, IGETC: 5A, C-ID# ENVS 100. Strongly Recommended: Eligibility for ENG 1A. **TOP Code:**

- 0301.00- Environmental Science.** SAM Code: E. Discipline: Chemistry or Physics/Astronomy. (Start Date: Fall 2019)
- **GS 1 (Introduction to Global Studies-** 3 Units, 3 Units Lecture) GR, 1X, AA/AS GE: Social and Behavioral Sciences, CSU T/GE: D, UC T, IGETC: 4. Strongly Recommended: ENG 1A with a minimum grade of C, SOC 1 with a minimum grade of C. TOP Code: 2210.20- Global Studies. SAM Code: E. Discipline: Geography or Sociology. (Start Date: Fall 2019)
 - **KIN 5 (Sports Management-** 3 Units, 3 Units Lecture) SC: 1X, GR, CSU **TOP Code: 0835.50- Intercollegiate Athletics.** SAM Code: E. **Discipline: Coaching.** (Start Date: Fall 2019)
 - **HIST 1 (Western Civilization to 1600-** 3 Units, 3 Units Lecture) NSC: 1X, O, DE, AA/AS GE, CSU T/GE: C2/D, UC T, IGETC: 3B/4, C-ID# HIST 170. TOP Code: 2205.00 – History, General. SAM Code: E. Discipline: History. (Start Date: Fall 2019)
 - **HIST 2 (Western Civilization Since 1600-** 3 Units, 3 Units Lecture) NSC: 1X, O, DE, AA/AS GE, CSU T/GE: C2/D, UC T, IGETC: 3B/4, C-ID# HIST 180. TOP Code: 2205.00 – History, General. SAM Code: E. Discipline: History. (Start Date: Fall 2019)
 - **HIST 7 (US History through Reconstruction-** 3 Units, 3 Units Lecture) NSC: 1X, O, DE, AA GE, CSU T/GE: C2/D/US1/US2, UC T, IGETC: 3B/4, C-ID# HIST 130. TOP Code: 2205.00 – History, General. SAM Code: E. Discipline: History. (Start Date: Fall 2019)
 - **MATH 2 (Calculus II-** 5 Units, 5 Units Lecture) NSC: 1X, GR, **DE**, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, C-ID# MATH 221. Prerequisite: MATH 1 with a minimum grade of C. TOP Code: 1701.00- Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
 - **MATH 10 (Discrete Mathematical Structures-** 4 Units, 4 Units Lecture, No Unit Value Lab) NSC: 1X, GR, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, C-ID# COMP 152. Prerequisite: MATH 1 with a minimum grade of C (May be taken concurrently), CS 1 with a minimum grade of C (May be taken concurrently). TOP Code: 1701.00- Mathematics, General. SAM Code: E. Discipline: Mathematics or Computer Science. (Start Date: Fall 2019)
 - **MATH 30 (College Algebra for STEM-** 4 Units, 4 Unit Lecture, No Unit Value Lab) NSC: 1X, G, **DE**, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, Prerequisite: MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 255 with a minimum grade of C. TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
 - **MATH 33 (Finite Mathematics-** 4 Units, 4 Unit Lecture) NSC: 1X, G, **DE**, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, Prerequisite: MATH 50 with a minimum grade of C or MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 250 with a minimum grade of C or MATH 255 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
 - **MATH 34 (Calculus for Business and Social Sciences-** 5 Units, 5 Units Lecture) NSC: 1X, G, **DE**, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, Prerequisite: MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 255 with a minimum grade of C. TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
 - **MATH 39 (Trigonometry-** 4 Units, 4 Unit Lecture, No Unit Value Lab) NSC: 1X, G, **DE**, AA/AS GE, CSU T/GE: B4, Prerequisite: MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 255 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
 - **MATH 40 (Statistics and Probability-** 4 Units, 4 Units Lecture, No Unit Value Lab) NSC: 1X, GR, DE, AA/AS GE, CSU T/GE: B4, UC T, IGETC: 2A, C-ID# MATH 110. Prerequisite: MATH 50 with a minimum grade of C or MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 250 with a minimum grade of C or NMAT 255 with a minimum grade of C. TOP Code: 1701.00- Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)

- **MATH 47 (Mathematics for Liberal Arts - 3 Units, 3 Units Lecture, No Unit Value Lab)** NSC: 1X, GR, DE, AA/AS GE, CSU GE: B4, UC T, IGETC: 2A. Prerequisite: MATH 50 with a minimum grade of C or MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 250 with a minimum grade of C or NMAT 255 with a minimum grade of C. TOP Code: 1701.00- Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 50 (Intermediate Algebra for SLAM- 4 Units, 3 Units Lecture, 1 Unit Lab)** NSC: 1X, O, DE, One level below Transfer, Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C or NMAT 210 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 55 (Intermediate Algebra for BSTEM- 5 Units, 5 Units Lecture)** 1X, O, DE, One level below Transfer, Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C or NMAT 210 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 55C (Concurrent Support for Intermediate Algebra- 1 Unit, 1 Unit Lab)** 1X, P/NP, DE, One level below Transfer, One-Way Corequisite: MATH 50 or MATH 55 or NMAT 250 or NMAT 255, TOP Code: 1702.00- Mathematics Skills. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 107 (Pre-Algebra- 4 Units, 3 Units Lecture, 1 Unit Lab)** 1X, O, DE, Three levels below Transfer, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 110 (Elementary Algebra- 4 Units, 4 Units Lecture)** 1X, O, DE, Two levels below Transfer, Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C or NMAT 207 with a minimum grade of C, TOP Code: 1701.00 - Mathematics, General. SAM Code: E. Discipline: Mathematics. (Start Date: Fall 2019)
- **MATH 110C (Concurrent Support for Elementary Algebra- One-Way Corequisite: MATH 110 or MATH 210)**
- **MSCM 34A (Naked Magazine: College Magazine A- 3 Units, 2 Units, 1 Units Lab)** NSC: 1X, O, CSU T. Strongly Recommended: Eligibility for ENG 1A. TOP Code: 0602.00-Journalism*. SAM Code: B. Discipline: Mass Communications. (Start Date: Fall 2019)
- **MSCM 34B (Naked Magazine: College Magazine B- 3 Units, 2 Units, 1 Units Lab)** NSC: 1X, O, CSU T. Strongly Recommended: Eligibility for ENG 1A, Prerequisite: MSCM 34A with a minimum grade of C. TOP Code: 0602.00-Journalism*. SAM Code: C. Discipline: Mass Communications. (Start Date: Fall 2019)
- **MUS 45 (Chamber Choir- 1 Unit, 1 Unit Lab)** NSC: 4X, O, CSU T, UC T, C-ID# MUS 180. Strongly Recommended: **MUS 6 with a minimum grade of C**, MUS 44 with a minimum grade of C. TOP Code: 1004.00- Music. SAM Code: E. Discipline: Music. (Start Date: Fall 2019)
- **PSYC 4 (Brain, Mind, and Behavior- 3 Units, 3 Units Lecture)** NSC: 1X, O, AA/AS GE, CSU T/GE: B2, D UC T, IGETC: 4, 5B, C-ID# PSY 150. Prerequisite: PSYC 1 with a minimum grade of C. TOP Code: 2001.00- Psychology, General. SAM Code: E. Discipline: Psychology. (Start Date: Fall 2019)
- **SOC 5 (Introduction to Global Studies- 3 Units, 3 Units Lecture)** GR, 1X, AA/AS GE: Social and Behavioral Sciences, CSU T/GE: D, UC T, IGETC: 4. Strongly Recommended: ENG 1A with a minimum grade of C, SOC 1 with a minimum grade of C. TOP Code: 2208.00- Sociology. SAM Code: E. Discipline: Geography or Sociology. (Start Date: Fall 2019)
- **THEA 31A (Drama Workshop- Beginning- 3 Units, 2 Units Lecture, 1 Unit Lab)** SC: 1X, GR, CSU T, UC T. TOP Code: 1007.00- Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)

- **THEA 31B (Drama Workshop- Intermediate-** 3 Units, 2 Units Lecture, 1 Unit Lab) SC: 1X, GR, CSU T, UC T. Prerequisite: THEA 31A with a minimum grade of C. TOP Code: 1007.00- Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)
- **THEA 31C (Drama Workshop- Technical Theater-** 3 Units, 2 Units Lecture, 1 Unit Lab) SC: 1X, GR, CSU T, UC T. Prerequisite: THEA 50 with a minimum grade of C (May be taken concurrently). Strongly Recommended: THEA 48A with a minimum grade of C. TOP Code: 1006.00- Technical Theater*. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)
- **THEA 31D (Drama Workshop- Directing-** 3 Units, 2 Units Lecture, 1 Unit Lab) SC: 1X, GR, CSU T, UC T. Prerequisite: THEA 1A with a minimum grade of C or THEA 10 with a minimum grade of C. TOP Code: 1007.00- Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)
- **THEA 39A (Musical Theater Workshop-Beginning-** 4 Units, 3 Units Lecture, 1 Unit Lab) NSC: 1X, GR, CSU T, UC T. TOP Code: 1007.00- Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)
- **THEA 39B (Musical Theater Workshop-Intermediate-** 4 Units, 3 Units Lecture, 1 Unit Lab) NSC: 1X, GR, CSU T, UC T. Prerequisite: THEA 39A with a minimum grade of C, TOP Code: 1007.00- Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)
- **THEA 39C (Musical Theater Workshop-Advanced-** 4 Units, 3 Units Lecture, 1 Unit Lab) NSC: 1X, GR, CSU T, UC T. Prerequisite: THEA 39B with a minimum grade of C, TOP Code: 1007.00- Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2019)
- **WRKX 94 (Occupational Work Experience/ Internship-** .5-8 Units, .5 Non-Paid Work Experience Units- 8 Paid Work Experience Units) NSC: Taken any number of times for a max of 16 Units of cooperative work experience, O, DE, CSU T. TOP Code: 4932.00- General Work Experience*. SAM Code: C. Discipline: Work Experience Instructors or Coordinators. (Start Date: Fall 2019)
- **WRKX 95 (General Work Experience-** .5-8 Units, .5 Non-Paid Work Experience Units- 8 Paid Work Experience Units) NSC: Taken any number of times for a max of 16 Units of cooperative work experience, O, DE, CSU T. TOP Code: 4932.00- General Work Experience*. SAM Code: D. Discipline: Work Experience Instructors or Coordinators. (Start Date: Fall 2019)
- GE/Transfer Pathways:
 - **AUTO P1: Powertrains: Modifications for Performance-** CSU T
 - **ENG 1AEX: Critical Reading and Composition Expanded-** AA/AS GE: English Composition, CSU T
 - **KIN CYCL3: Cycling 3-** AA/AS GE: Kinesiology, CSU T
 - **KIN OM1: Optimal Movement-** AA/AS: Kinesiology, CSU T
- Requisites:
 - **ANTR 1: Biological Anthropology-** Strongly Recommended: Eligibility for ENG 1A
 - **ANTR 13: Introduction to Forensic Anthropology-** Strongly Recommended: Eligibility for ENG 1A
 - **ARHS 1: Introduction to Art History-** Strongly Recommended: Eligibility for ENG 1A
 - **ARHS 4: Western Art History- Ancient to Medieval-** Strongly Recommended: Eligibility for ENG 1A.
 - **ARHS 5: Western Art History- Renaissance to Contemporary-** Strongly Recommended: Eligibility for ENG 1A
 - **AUTO P1: Powertrains: Modifications for Performance-** Prerequisite: AUTO INTR with a minimum grade of C
 - **BIO 1B: General Zoology-** Strongly Recommended: BIO 30 with a minimum grade of C
 - **BIO 7A: Human Anatomy-** Prerequisite: BIO 30 with a minimum grade of C, Strongly Recommended: Eligibility for ENG 1A

- **BIO 7B: Human Physiology-** Prerequisites: CHEM 30A with a minimum grade of C or CHEM 31 with a minimum grade of C or CHEM 1A with a minimum grade of C, BIO 7A with a minimum grade of C. Strongly Recommended: Eligibility for ENG 1A, CHEM 30B with a minimum grade of C
- **BIO 30: Introduction to College Biology-** Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C, Eligibility for ENG 1A
- **CNT 7285: Cloud Infrastructure: CompTIA Cloud + Certification-** Strongly Recommended: CNT 8001 with a minimum grade of C
- **CNT 7701: IT Virtualization Data Centers, VMware Certification-** Strongly Recommended: CNT 8001 with a minimum grade of C, CNT 51 with a minimum grade of C, CNT 52 with a minimum grade of C
- **CS 17: Discrete Mathematical Structures-** Prerequisite: MATH 1 with a minimum grade of C (May be taken concurrently), CS 1 with a minimum grade of C (May be taken concurrently)
- **ECE 42: Early Childhood Math and Science-** Prerequisite: ECE 63 with a minimum grade of C
- **ECE 60: Introduction to the Young Child with Exceptional Needs-** Prerequisite: ECE 56 with a minimum grade of C
- **ECE 68: Administration II: Personnel and Leadership in Early Childhood Education-** Prerequisite: ECE 62 with a minimum grade of C, ECE 63 with a minimum grade of C
- **ECE 78: Language Development-** Prerequisite: ECE 56 with a minimum grade of C
- **ECE 87: Quality Environments for Infants and Toddlers-** Strongly Recommended: ECE 67 with a minimum grade of C
- **ENG 32: U.S. Women's Literature-** Prerequisite: ENG 1A with a minimum grade of C
- **EVST 5: Energy and Sustainability-** Strongly Recommended: Eligibility for ENG 1A
- **GS 1: Introduction to Global Studies-** Strongly Recommended: ENG 1A with a minimum grade of C, SOC 1 with a minimum grade of C
- **MATH 2: Calculus II-** Prerequisite: MATH 1 with a minimum grade of C
- **MATH 10: Discrete Mathematical Structures-** Prerequisite: MATH 1 with a minimum grade of C (May be taken concurrently), CS 1 with a minimum grade of C (May be taken concurrently)
- **MATH 30: College Algebra for STEM-** Prerequisite: MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 255 with a minimum grade of C
- **MATH 33: (Finite Mathematics-** Prerequisite: MATH 50 or MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 250 with a minimum grade of C or MATH 255 with a minimum grade of C
- **MATH 34: Calculus for Business and Social Sciences-** Prerequisite: MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 255 with a minimum grade of C
- **MATH 39: Trigonometry-** Prerequisite: MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 255 with a minimum grade of C
- **MATH 40: Statistics and Probability-** Prerequisite: MATH 50 with a minimum grade of C or MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 250 with a minimum grade of C or NMAT 255 with a minimum grade of C
- **MATH 47: Mathematics for Liberal Arts -** Prerequisite: MATH 50 with a minimum grade of C or MATH 55 with a minimum grade of C or MATH 55B with a minimum grade of C or NMAT 250 with a minimum grade of C or NMAT 255 with a minimum grade of C
- **MATH 50: Intermediate Algebra for SLAM-** Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C or NMAT 210 with a minimum grade of C
- **MATH 55: Intermediate Algebra for BSTEM-** Strongly Recommended: MATH 110 with a minimum grade of C or MATH 110B with a minimum grade of C or NMAT 210 with a minimum grade of C

- **MATH 55C: Concurrent Support for Intermediate Algebra-** Corequisite: MATH 50 or MATH 55 or NMAT 250 or NMAT 255
- **MATH 110: Elementary Algebra-** Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C or NMAT 207 with a minimum grade of C
- **MATH 110C: Concurrent Support for Elementary Algebra-** Way Corequisite: MATH 110 with a minimum grade of C or MATH 210 with a minimum grade of C
- **MSCM 34A: Naked Magazine: College Magazine A-** Strongly Recommended: Eligibility for ENG 1A
- **MSCM 34B: Naked Magazine: College Magazine B-** Strongly Recommended: Eligibility for ENG 1A, Prerequisite: MSCM 34A with a minimum grade of C
- **MUS 45: Chamber Choir-** Strongly Recommended: MUS 6 with a minimum grade of C, MUS 44 with a minimum grade of C
- **PSYC 4: Brain, Mind, and Behavior-** Prerequisite: PSYC 1 with a minimum grade of C
- **SOC 5: Introduction to Global Studies-** Strongly Recommended: ENG 1A with a minimum grade of C, SOC 1 with a minimum grade of C
- **THEA 31B: Drama Workshop- Intermediate-** Prerequisite: THEA 31A with a minimum grade of C
- **THEA 31C: Drama Workshop- Technical Theater-** Prerequisite: THEA 50 with a minimum grade of C (May be taken concurrently). Strongly Recommended: THEA 48A with a minimum grade of C
- **THEA 31D: Drama Workshop- Directing-** Prerequisite: THEA 1A with a minimum grade of C or THEA 10 with a minimum grade of B
- **THEA 39B: Musical Theater Workshop-Intermediate-** Prerequisite: THEA 39A with a minimum grade of C
- **THEA 39C: Musical Theater Workshop-Advanced-** Prerequisite: THEA 39B with a minimum grade of C
- Distance Education
 - **MATH 2: Calculus II**
 - **MATH 30: College Algebra for STEM**
 - **MATH 33: Finite Mathematics**
 - **MATH 34: Calculus for Business and Social Sciences**
 - **MATH 39: Trigonometry**
 - **MATH 50: Intermediate Algebra for SLAM**
 - **MATH 55C: Concurrent Support for Intermediate Algebra**
 - **MATH 66C: Concurrent Support for Calculus I, II, III**
 - **MATH 66: Math Jam for Calculus**
 - **MATH 100C: Concurrent Support for SLAM Mathematics**
 - **MATH 101C: Concurrent Support for BSTEM Mathematics**
 - **NMAT 200C: Concurrent Support for SLAM**
 - **NMAT 201C: Concurrent Support for BSTEM**
 - **NMAT 202C: Just in Time Concurrent Support for Mathematics**
 - **NMAT 207: Pre-Algebra**
 - **NMAT 210: Elementary Algebra**
 - **NMAT 210C: Concurrent Support for Elementary Algebra**
 - **NMAT 250: Intermediate Algebra for SLAM**
 - **NMAT 255: Intermediate Algebra for BSTEM**
 - **NMAT 255C: Concurrent Support for Intermediate Algebra**
 - **NMAT 261: Math Jam for Pre-Algebra Preparation**
 - **NMAT 262: Math Jam for Elementary Algebra Preparation**

- **NMAT 263: Math Jam for Intermediate Algebra Preparation**
- **NMAT 264: Math Jam for SLAM Preparation**
- **NMAT 265: Math Jam for BSTEM Preparation**
- **WRKX 94: Occupational Work Experience/ Internship**
- **WRKX 95: General Work Experience**
- Course Deactivations: Spring 2019
 - **CNT 67: Wi-Fi, Cisco & CWNA**
 - **CNT 7284: Information Storage and Management**
 - **CNT 7301 VoIP: Cisco & Asterisk IP Phones**
- Corrections:
 - **MUS 19 & MUS 28 should not be repeatable**
- New Noncredit Programs:
 - **College Mathematics Pathway Certificate of Competency** (TOP Code: 1701.00- Mathematics, General, Program Goal: Local, Noncredit Category: Elementary and Secondary Basic Skills, Start Date: Fall 2019)
 - **College Mathematics Support Certificate of Competency** (TOP Code: 1702.00- Mathematics Skills, Noncredit Category: Elementary and Secondary Basic Skills, Program Goal: Local, Start Date: Fall 2019)
 - **Foundational Mathematics Pathway Certificate of Competency** (TOP Code: 1701.00- Mathematics, General, Program Goal: Local, Noncredit Category: Elementary and Secondary Basic Skills, Start Date: Fall 2019)
 - **Foundational Mathematics Support Certificate of Competency** (TOP Code: 1702.00- Mathematics Skills, Program Goal: Local, Noncredit Category: Elementary and Secondary Basic Skills, Start Date: Fall 2019)
 - **Horticulture Certificate of Completion** (TOP Code: 0109.00 – Horticulture*, Program Goal: CTE, Noncredit Category: Short-Term Vocational, Start Date: Fall 2019)
 - **Math Jam for Foundational Mathematics Certificate of Competency** (TOP Code: 1702.00- Mathematics Skills, Program Goal: Local, Noncredit Category: Elementary and Secondary Basic Skills, Start Date: Fall 2019)
 - **Math Jam for College Mathematics Certificate of Competency** (TOP Code: 1702.00- Mathematics Skills, Program Goal: Local, Noncredit Category: Elementary and Secondary Basic Skills, Start Date: Fall 2019)
- New Credit Programs:
 - **Art History AA-T** (18/60 Units, TOP Code: 1001.00 - Fine Arts, General, Program Goal: Transfer, Start Date: Fall 2019)
 - **Commercial Music: Scoring for Film and Multimedia Certificate of Achievement** (22-23 Units, TOP Code: 1005.00*- Commercial Music, Program Goal: CTE, Start Date: Fall 2019)
 - **CyberSecurity Certificate of Achievement** (28 Units, TOP Code: 0708.10 - Computer Networking*, Program Goal: CTE, Start Date: Fall 2019)
 - **Geology Major Certificate of Achievement** (17 Units, TOP Code: 1914.00 - Geology, Program Goal: Local- Transfer Preparation, Start Date: Fall 2019)
- Modified Credit Programs:
 - **Art: Emphasis in Painting AA** (36/60 Units, TOP Code: 1002.10 - Painting and Drawing, Program Goal: Local- Designed to meet Community Needs or Local Consideration, Start Date: Fall 2019)
 - **Computer Programming Certificate of Achievement** (27-30 Units, TOP Code: 0707.00 - Computer Software Development*, Program Goal: CTE, Start Date: Fall 2019)

- **Computer Programming for the Web Certificate of Achievement** (27-29 Units, TOP Code: 0707.00 - Computer Software Development*, Program Goal: CTE, Start Date: Fall 2019)
- **Computer Science AS** (33.5-35/60 Units, TOP Code: 0706.00 - Computer Science (transfer), Program Goal: CTE, Start Date: Fall 2019)
- **Early Childhood Development AA** (31-33/60 Units, TOP Code: 1305.00 - Child Development/Early Care and Education*, Program Goal: CTE, Start Date: Fall 2019)
- **Early Childhood Intervention AA** (38/60 Units, TOP Code: 1305.00 - Child Development/Early Care and Education*, Program Goal: CTE, Start Date: Fall 2019)
- **Geology AS-T** (28/60 Units, TOP Code: 1914.00 - Geology, Program Goal: Transfer, Start Date: Fall 2019)
- **Global Studies AA-T** (21-23/60 Units, TOP Code: 2210.20 – Global Studies, Program Goal: Transfer, Start Date: Fall 2019)
- **History AA-T** (18/60 Units, TOP Code: 2205.00 - History, General, Program Goal: Transfer, Start Date: Fall 2019)
- **Humanities AA** (18-19/60 Units, TOP Code: 1599.00 - Other Humanities, Program Goal: Local-Designed to meet Community Needs or Local Consideration, Start Date: Fall 2019)
- **Studio Arts AA-T** (42/60 Units, TOP Code: 1905.00-Chemistry, General, Program Goal: Local-Transfer Preparation, Start Date: Fall 2019)
- Discipline Changes Spring 2019
 - **GS 1 & GS 2 - Sociology or Geography**
 - **BIO 55 add “or Emergency Medical Technologies or Health Services Director/ Health Services Coordinator/ College Nurse”**
- Curriculum Sunset Policy