California State University Los Angeles Example roadmap and pre-/ co-requisite structure with PCC transferrable courses

Department of Electrical and Computer Engineering Bachelor of Science in Electrical Engineering 122 Units 2021-2022 Transferrable Courses from PCC* Senior Year at CSULA Junior Year at CSULA 31 28 *subject to different articulation agreement 16 Units 15 Units 15 Units 13 Units POLS 1 ENTL 031 or CE/EE/ME EE 4xxx **ELTN 032 ENGR 3010** EE 4xxx U.S. **ENGR 016** 3000 igital & contro igital & contro Ethics & Jpper Technica Jpper Technica **Ckt Analysis** Constitution/ Econ for Engr electronics Professionalism Elective electronics Elective EE 2040 98 EE 2449 BOX **(3)** EE 2440 BS /IATH 5B and **MATH 55 EE 3020** MATH 5A EE 4962 MATH 5C MATH 5BH EE 3030 **FF 4961** Differential Signals and Calculus I Calculus III Senior Design Calculus II Circuit Analysis Senior Design **Equations** Systems **MATH 2110 MATH 2130 MATH 2120 MATH 2150** BS S **FSX** (3) **FBX FIS** FISIX **ENGR 010 EE 3040** PHYS 8A PHYS 8B EE 3810 FE 4xxx **Block C EE 3200** Probability, ntroduction to Physics I Physics II Sensors, Data Jpper Technical C1- Arts & Analog Comm. Random Var & Engineering. **PHYS 2100 PHYS 2200** Acq. & Instru. Elective Humanities Systems **Processes ENGR 1500** BSX AB **FIX** FSX PS **EE 3450** ELTN 031 or **ENGL 1A ENGL 2030 Embedded** Block D **ENGR 016L** EE 4xxx **EE 3700** EE 4xxx **BLOCK A2** Intro to Systems Social Sciences **Ckt Analysis** Electronics I Upper Technical **ENGL 1005B Technical** Programming II Jpper Technica EE 2049 GOX Elective or 1010 Writing Elective A S S BOX SPCH 1 **CS 002** HIST 7A CHEM 1A EE Spec Lab **BLOCK A1** C or Python **EE 3600** EE 3050 **EE 3300** Gen. Chem Upper Dlv COMM 1100/ **Programming** Electric & **U.S. History** Control Electric Specialization Chem 1040 HNRS 1100 EE 2450 Magnetic Fields Systems I Machines Laboratory FOR 3 A BB S EE 3001 Course typically offered at CSULA Upper Dlv Req. • Offered in fall Laboratory AS S Offered in spring Offered in summer **Technical Elective** * MATH XXX, PHYS XX ELTN XXX, ENGR XXX Prerequisite Senior Design Color Kev: **General Education Lower Division Upper Division** 16 Units **CHEM XX** ----- Co-requisite (min. 3 lectures Pasadena City College 21 Units 42 Units 37 Units 6 Units

Articulated Courses

in specialization)