Example roadmap and pre-/ co-requisite structure with LATTC transferrable courses **California State University Los Angeles** Department of Electrical and Computer Engineering Bachelor of Science in Electrical Engineering 122 Units 2021-2022 Transferrable Courses from a LATTC* Senior Year at CSULA Junior Year at CSULA 31 28 *subject to different articulation agreement 16 Units 15 Units 15 Units 13 Units CE/EE/ME POL SCI 7 **ENG GEN 220** EE 4xxx **ENGR 3010** EE 4xxx 3000 U.S. Digital Electrical ckts Digital Ethics & Jpper Technica Jpper Technica Econ for Engr Engineering Constitution/ **EE 2040** Professionalism Elective **Engineering** Elective 98 EE 2449 EE 2440 BOX A **MATH 275 EE 3020 MATH 265** EE 4962 **MATH 266 MATH 267** EE 3030 **FF 4961** Differential Signals and Calculus I Calculus II Calculus III Senior Design Circuit Analysis Senior Design **Equations** Systems **MATH 2110 MATH 2130 MATH 2120 MATH 2150** BS S FSX **FSX** (3) **FIS** FISIX **ENG GEN 101** EE 3040 PHYSICS 101 PHYSICS 102 EE 3810 FE 4xxx **Block C EE 3200** Probability, Introduction 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** BOX AB **FIX** FSX PS **EE 3450 ENGLISH 101 ENGL 2030 Embedded** Block D 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 GGX **COMM 101** S 115 or CS 11 History 11, 12, or Chem 101 EE Spec Lab BLOCK A1 C or Python 13 **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

