Sample Electrical and Computer Engineering Course Flow Chart for Accelerated 3-YR Academic Plan – 2022/2023 Catalog
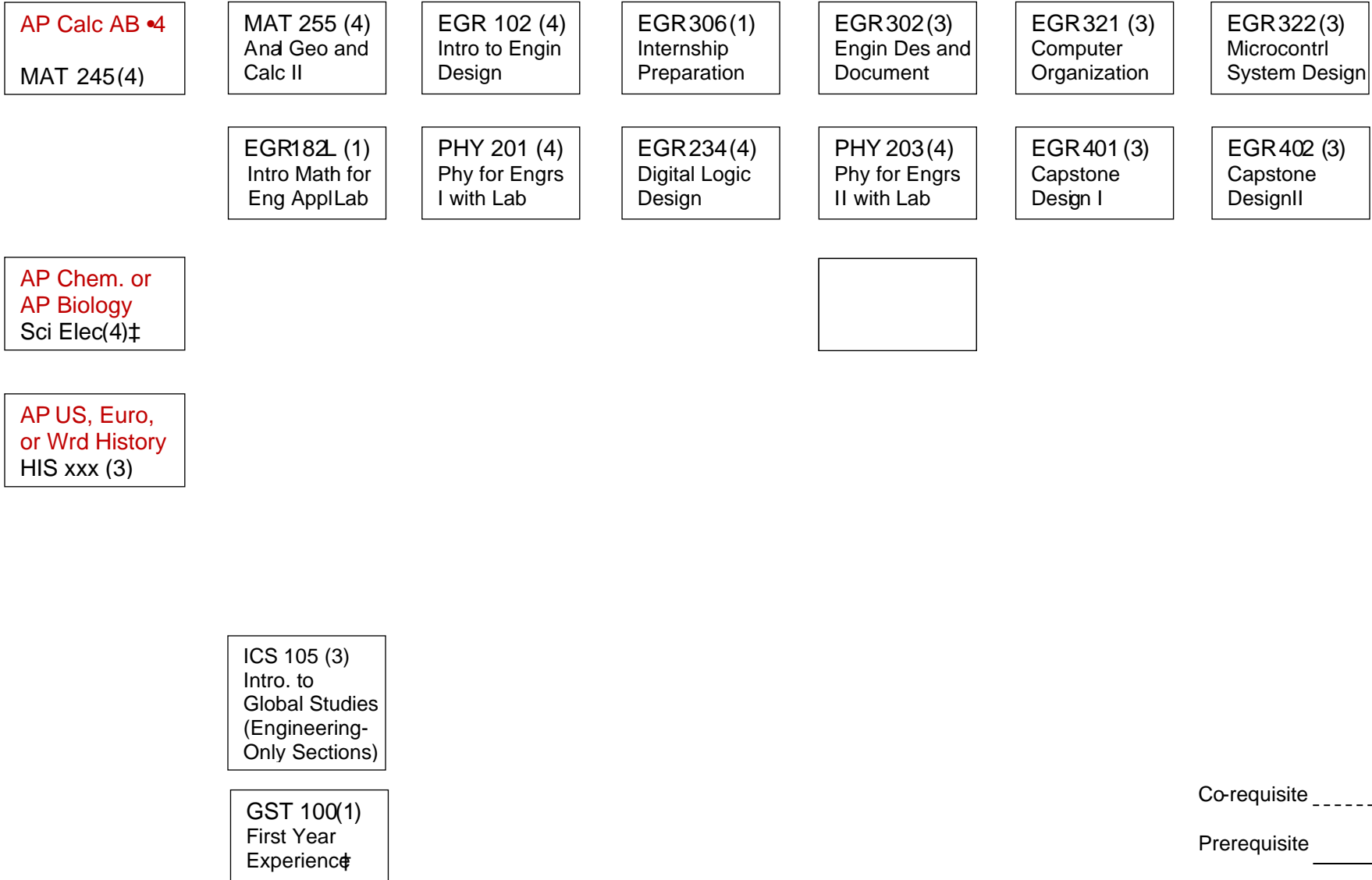
High School (AP)	1st Year		2nd Year		3rd Year	
AP Calc AB = 4 MAT 245 (4)	MAT 255 (4) Anal Geo and Calc II	EGR 102 (4) Intro to Engin Design	EGR 306 (1) Internship Preparation	EGR 302 (3) Engin Des and Document	EGR 321 (3) Computer Organization	EGR 322 (3) Microcontrl System Design
	EGR 182L (1) Intro Math for Eng Appl Lab	PHY 201 (4) Phy for Engrs I with Lab	EGR 234 (4) Digital Logic Design	PHY 203 (4) Phy for Engrs II with Lab	EGR 401 (3) Capstone Design I	EGR 402 (3) Capstone Design II

AP Chem. or
AP Biology
Sci Elec (4)‡

AP US, Euro,
or Wrd History
HIS xxx (3)

ICS 105 (3)
Intro. to
Global Studies
(Engineering-
Only Sections)

GST 100 (1)
First Year
Experience†

Co-requisite - - - - - - - ->

Prerequisite ———————>

† For first-time freshmen only
‡ One or more of these
courses can be taken at CBU
in summer term(s)