METU Northern Cyprus Campus Chemical Engineering Program Prerequisites Flowchart

Abbreviations: Elec.: Elective Course, NTE: Non-Technical Elective Stand: 20191008v2 1st Semester MAT 100 MAT 119^(a) MECH 113 **ENGL 101** GPC 100 **CNG 100** CHM 111 PHY 105 or Computer Aided Development of First Year on Calculus with Introduction to General Exemption Engineering Reading Writing General Physics I Chemistry I Analytical Geometr Campus Information Tech. Exam Drawing I 2nd Semester MAT 120 ENGL 102 CHM 112 OCHS 101^(f) **CNG 230** CHME 102 PHY 106 Calculus for Development of General Occupational tro. to Chemica Introduction to C Functions of Reading Writing General Physics II Chemistry II Health & Safety I Programming Engineering Several Variables Skills II 3rd Semester HST 201 MAT 219 OCHS 301^(f) **ENGL 211 CHME 203 CHM 237** NTE Differential Academic Oral Occupational OR | Organic hemical Proces HST 205^(b) Chemistry I Presentation Skills Health & Safety II Gate < Equations Calculations 4th Semester HST 202 MAT 210 CHM 230 CHM 238 **CHME 204 CHME 323** Applied Math. for Analytical Chemistry Organic nermodynamic Fluid Mechanics HST 206^(b) for Engineers Engineers Chemistry II OR < Gate < 5th Semester OR **TUR 101 ENGL 311 CHME 305 CHM 351** CHME 300^(d) Gate NTE Advanced Thermodynamics OR Physical Heat Transfer Summer Practice I TUR 201^(c) Chemistry Communic. Skills Gate 6th Semester CHME 312 TUR 102 **CHME 302** ECO 210 **CHME 326** OR Chemical Tech. Elec. (e) Principles of Chem. Eng. 3/4 Mass Transfer and Gate Reaction TUR 202^(c) **Economics** Laboratory I Separation Pro. Engineering 7th Semester OR CHME 400^(d) Gate CHME 401 **CHME 417** Department. TRACK Department. Summer Practice Chem. Eng. Chem. Eng. Elective I Elective II **ELECTIVE I** Laboratory II Design I (a) Students who successfully completed "MAT 100 Precalculus (1-2)2" course or passed "Mathematics Proficiency Examination" can take MAT 119 course. (b) International students will take HST 205 and HST 206 instead of HST 201 and HST 202 **CHME 418** Department. Department. **TRACK** (c) International students will take TUR 201 and TUR 202, which may be enrolled in the first year with the consent of the advisor. Free Elec. Chem. Eng. ^(d) Students are expected to complete their summer training prior to registering CHME 300 and CHME 400 Elective III Elective IV **ELECTIVE II** (e) To be chosen among the approved non-CHME courses offered by engineering programs Design II ^(f) A MUST Course for admissions from 2016/17 on; a prerequisite for internship for admissions from 2018/19 on