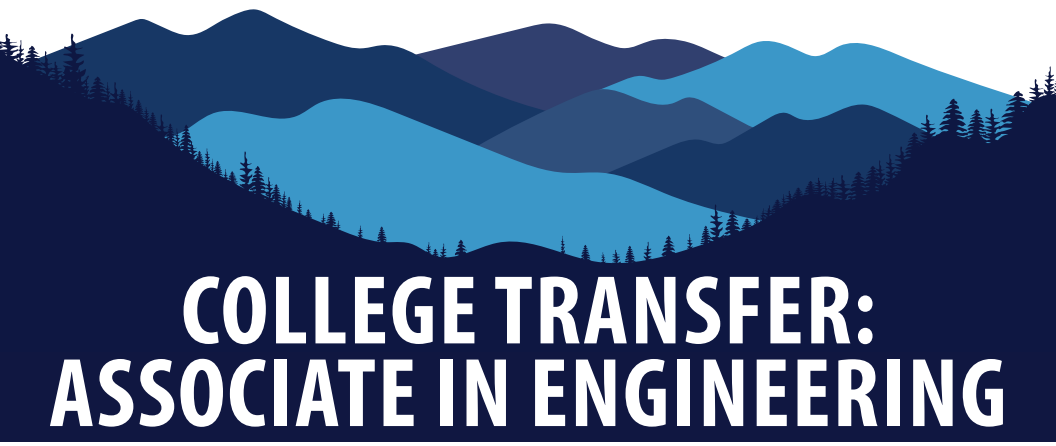
COLLEGE TRANSFER: ASSOCIATE IN ENGINEERING

2021-2022



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(A10500) The Associate in Engineering degree program includes required general education and prerequisite courses that are acceptable to all state funded Bachelor of Engineering programs.
Transfer Agreement: Uniform Articulation Agreement for the Associate in Engineering

Student Success (1 credit) – Required course	ACA 122 College Transfer Success (1)
English Composition (6 credits) – Both courses required	ENG 111 Writing and Inquiry (3) ENG 112 Writing/Research in the Disciplines (3)
Communication (3 credits) – Required course	COM 231 Public Speaking (3)
Literature (3 credits) – Choose one	ENG 231 American Literature I (3) ENG 241 British Literature I (3) ENG 232 American Literature II (3) ENG 242 British Literature II (3)
Economics (3 credits) – Required course	ECO 251 Principles of Microeconomics (3)
Social/Behavioral Science – Choose one of the following courses. (3 credits)	HIS 111 World Civilizations I (3) HIS 131 American History I (3) POL 120 American Government (3) SOC 210 Introduction to Sociology (3) HIS 112 World Civilizations II (3) HIS 132 American History II (3) PSY 150 General Psychology (3)
Mathematics – All of the following courses are required (12 credits)	MAT 271 Calculus I (4) MAT 273 Calculus III (4) MAT 272 Calculus II (4)
Science – All of the following courses are required. (12 credits)	CHM 151 General Chemistry I (4) PHY 251 General Physics I (4) PHY 252 General Physics II (4)
Other General Education – Choose one course (3 credits)	BIO 111 General Biology I (4) CHM 152 General Chemistry II (4) ECO 252 Principles of Macroeconomics (3) GEL 111 Geology (4) COM 110 Intro to Communication (3) HUM 110 Technology and Society (3) PHI 240 Introduction to Ethics (3)
Engineering – Required course (2 credits)	EGR 150 Introduction to Engineering (2)
Other Required Hours – Choose 12 credits	BIO 111 General Biology I (4) COM 110 Intro to Communication (3) CSC 151 JAVA Programming (3) ECO 252 Principles of Macroeconomics (3) EGR 210 Intro to Elec/Comp Eng Lab (2) EGR 212 Logic System Design I (3) EGR 216 Logic and Network Lab (1) EGR 225 Engineering Dynamics (3) GEL 111 Geology (4) MAT 280 Linear Algebra (3) PED 110 Fit and Well for Life (2) CHM 152 General Chemistry II (4) CSC 134 C++ Programming (3) DFT 170 Engineering Graphics (3) EGR 215 Network Theory I (3) EGR 220 Engineering Statics (3) EGR 228 Intro to Solid Mechanics (3) HUM 110 Technology and Society (3) MAT 285 Differential Equations (3)
Total Credits Required for A.E.	60 credits

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