REPUBLIC POLYTECHNIC Diploma in Renewable Energy Engineering	WICHITA STATE UNIVERSITY
A101/102: Basic Sciences I/II	Math/Natural Sciences General Education elective
A113: Mathematics I	STAT 370: Elementary Statistics
A114: Mathematics II	MATH 242: Calculus I
A207: Physics	Math/Natural Sciences General Education elective
A221: Advanced Mathematics I – Differential Equations	MATH 555: Differential Equations I
A212: Advanced Mathematics II – Linear Algebra	MATH 511: Linear Algebra
A335: Energy Utilisation and Management	Elective
C105: Introduction to Programming	Elective
E105: Digital Electronics I **AND** E201: Digital Electronics II	CS 194: Introduction to Digital Design
E112: Engineering Design	Elective
E203: Circuit Analysis	EE 282: Circuit Analysis
E204: Linear Circuits and Control	Electrical Engineering/Computer Science elective
E212: Facilities Planning and Design	Business elective
E213: Engineering Cost Decisions	IME 255: Engineering Economy
E219: Analogue Electronics	EE 492: Electronics Circuits I
E241: Electrical Power Systems	Elective
E242: Clean Energy Technologies	Elective
E328: Project Management	DS 655: Project Management
E334: Reliability Engineering	Industrial/Manufacturing Engineering elective
E381: Energy Systems Instrumentation	Elective
E382: Building Mechanical and Electrical Systems	Elective
E383: Sustainable Energy Systems	Electrical Engineering/Computer Science elective
E384: Green Building Technology and Design	Electrical Engineering/Computer Science elective
E385: Photovoltaic System Design	Electrical Engineering /Computer Science elective
E921: Industry Immersion Programme	Elective
G101: Enterprise Skills 1	Elective
G103: Introduction to Communication Practice	Elective
G105: Enterprise Skills 1	Business elective
G301: Project	Elective
G901: Creative Engagement	Elective

Last updated: March 7, 2016