

## Prerequisite Courses List

Course Code	Course Name	Prerequisite Course Codes
MATH1112	Calculus II	MATH1111
ENGL1102	Academic English II	ENGL1101
MATH2107	Differential Equations	MATH1111
MATH2105	Calculus III	MATH1112
MATH2201	Probability	MATH1112
INDE2156	Engineering Statistics	MATH2201
ELEC2212	Circuit Theory II	ELEC2201
ELEC3301	Electronics I	ELEC2201
ELEC3301	Electronics II	ELEC3301
ELEC3305	Electronics	ELEC2201
ELEC2501	Signals and Systems	MATH1112 & MATH2104
ELEC3504	Digital Signal Processing	ELEC2501
ELEC2601	Electromagnetic Fields and waves	MATH2105 & PHYS1112
ELEC3521	System Dynamics and Control	MATH2107 & ELEC2201
ELEC3501	Electromechanical Energy Conversion	ELEC2201
ELEC3502	Simulation Tools	ELEC2501 & ELEC2201
BMED3301	Biomedical Instrumentation I	ELEC2201
BMED3302	Biomedical Instrumentation II	BMED3301
BMED3304	Therapeutic Medical Devices	BMED3301
BMED3501	Biosignal Processing	ELEC2501
BMED4512	Medical Imaging	ELEC2501