

INDUSTRIAL ENGINEERING PROGRAM PLAN OF STUDY



Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI	Semester VII	Semester VIII	Semester IX	Semester X																																																																																																																																												
CALCULUS I - DIFFERENTIAL MAT 1101 4 2 5	CALCULUS II - INTEGRAL MAT 1111 4 0 4 Calculus I	CALCULUS III - VECTOR MAT 1121 4 0 4 Calculus II Linear Algebra	DIFFERENTIAL EQUATIONS MAT 4011 3 0 3 Calculus II	WORK STUDY IIN 4300 2 2 3 Op. Strategy Manuf. Proc.	PRODUCTIVE SYSTEMS DESIGN MAT 7030 3 0 3 Work Study Comp. Exam I	PRODUCTION PLANNING, SCHEDULING AND CONTROL IIN 7171 2 2 3 Prd. Sys Des Op. Res 2	DISTRIBUTION & LOGISTICS IIN 7100 3 0 3 Pl. Prog. Prod	ECONOMIC-ADMINISTRATIVE MANAGEMENT ELECTIVE ELG 1003 3 0 3	CAPSTONE DESIGN INV 7366 3 0 3 Log. & Distrib. Simulation Ind.Saf. &Env. Anal. Comp. Comprehensive Exam II Language Requirement VIII																																																																																																																																												
INTRODUCTION TO INDUSTRIAL ENGINEERING IIN 0010 1 0 1	PHYSICS - MECHANICS FIS 1023 3 2 4 Calculus I	PHYSICS - HEAT AND WAVES FIS 1043 3 2 4 Physics-Heat and Waves Calculus I	PHYSICS - ELECTRICITY FIS 1033 3 2 4 Physics - Mechanics Calculus II	PRODUCTION COSTS IIN 0008 3 0 3 Op. Strategy	OPERATIONS RESEARCH I IIN 7061 3 0 3 Linear Algebra Comp. Exam I	OPERATIONS RESEARCH II IIN 7071 2 2 3 Op. Res. I Data An. I	SIMULATION IIN 7105 2 2 3 Op. Res. 2 Log. & Distrib.	OPERATIONS MANAGEMENT ELECTIVE ELG 1001 3 0 3	CARIBBEAN STUDIES ELECTIVE ELG 1180 3 0 3																																																																																																																																												
ENGINEERING DRAWING IBA 0022 2 2 3	ALGORITHMS AND PROGRAMMING IST 2088 2 2 3	STATICS IBA 4032 3 0 3 Physics - Mechanics	THERMODYNAMICS I IME 7061 3 0 3 Physics - Heat and Waves	DATA ANALYSIS IN ENGINEERING I EST 7042 3 2 4 Calculus 2	DATA ANALYSIS IN ENGINEERING II EST 1051 2 2 3 Data An. I	QUALITY MANAGEMENT & CONTROL IIN 7050 3 2 4 Op. Res. I Data An. I	IND. SAFETY & ENV. MANAGEMENT AMB 8607 2 2 3 Work Study	QUANTITATIVE METHODS ELECTIVE ELG 1002 3 0 3 Data An. II	HISTORY ELECTIVE ELG 1140 3 0 3																																																																																																																																												
LINEAR ALGEBRA MAT 1031 3 0 3	LIFE SCIENCES ELECTIVE ELG 1150 3 0 3	MATERIAL SCIENCE IME 1205 2 2 3	MANUFACTURING PROCESSES IME 4030 2 2 3 Mat. Science	COMPUTATIONAL SOLUTION OF ENGINEERING PROBLEMS IST 4360 2 2 3 Dif. Eq. Alg. & Prog.	ENGINEERING ECONOMY IIN 4305 3 0 3 Prod. Costs	ANALYSIS AND EVALUATION ON INVESTMENT PROJECTS IIN 8945 2 2 3 Eng. Economy	ANALYSIS OF COMPENSATION MODELS IIN 9321 3 0 3	COMPLEMENTARY ELECTIVE I ELP 4030 3 0 3	COMPLEMENTARY ELECTIVE II ELP 8090 3 0 3																																																																																																																																												
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