भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

Roll No:	0401ME21	Name:	Freddy Aukland	Year of Admission:	2020
Programme:	Bachelors of Technology	Course:	ME		

Semester 1

CH101	Chemistry - I	3-1-0	8	CORE	CC
CH110	Chemistry Laboratory	0-0-3	3	CORE	BC
EE101	Electrical Sciences	3-1-0	8	CORE	CD
HS101	English : Language Through Literature	3-0-0	6	CORE	BB
MA101	Mathematics - I	3-1-0	8	CORE	CD
ME111	Engineering Drawing	2-0-3	7	CORE	BC
PH101	Physics - I	2-1-0	6	CORE	DD
PH110	Physics Laboratory	0-0-3	3	CORE	BB

Credits Taken: 49 Credits Cleared: 49 SPI: 6.0 CPI: 6.0

Semester 2

CH102	Chemistry - II	3-0-0	6	CORE	CD
CS101	Introduction to Computing	3-0-0	6	CORE	CC
CS110	Computing Laboratory	0-0-3	3	CORE	CC
EE102	Basic Electronics Laboratory	0-0-4	4	CORE	CC
MA102	Mathematics - II	3-1-0	8	CORE	CC
ME101	Engineering Mechanics	3-1-0	8	CORE	CD
ME110	Workshop - I	0-0-3	3	CORE	BB
PH102	Physics - II	2-1-0	6	CORE	DD

Credits Taken: 44 Credits Cleared: 93 SPI: 5.55 CPI: 5.78

Semester 3

CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	BC
HS201	Introductory Microeconomics	3-0-0	6	HS Elective	CC
MA201	Mathematics - III	3-1-0	8	CORE	CC
ME201	Solid Mechanics	2-1-0	6	CORE	CC
ME204	Fluid Mechanics - I	2-1-0	6	CORE	BC
ME205	Thermodynamics	3-1-0	8	CORE	CC
ME211	Machine Drawing	0-0-4	4	CORE	BB

Credits Taken: 47 Credits Cleared: 140 SPI: 6.49 CPI: 6.02

Semester 4

EE280	Electrical Machines	3-0-0	6	CORE	CD
EE281	Electrical Machines Laboratory	0-0-3	3	CORE	BC
HS202	Introductory Macroeconomics	3-0-0	6	HS ELECTIVE	BB
MA251	Optimization Techniques	3-0-0	6	Elective-Sc.	BC
ME202	Engineering Materials	3-0-0	6	CORE	BC
ME203	Advanced Solid Mechanics	2-1-0	6	CORE	CC
ME206	Fluid Mechanics - II	2-1-0	6	CORE	CC
ME210	Workshop - II	0-0-6	6	CORE	BB
ME212	Mechanical Engineering Laboratory - I	0-0-4	4	CORE	BB

Credits Taken: 49 Credits Cleared: 189 SPI: 6.84 CPI: 6.23

Semester 5

ME301	Manufacturing Technology - I	3-1-0	8	CORE	CD
ME302	Mechanical Measurements	2-1-0	6	CORE	BC
ME303	Design of Machine Elements	3-1-0	8	CORE	BC
ME304	Kinematics of Machinery	2-1-0	6	CORE	CD
ME305	Heat and Mass Transfer	3-1-0	8	CORE	BC
ME310	Mechanical Engineering Laboratory - II	0-0-4	4	CORE	BB
ME321	Applied Thermodynamics - I	2-1-0	6	CORE	CD

Credits Taken: 46 Credits Cleared: 235 SPI: 6.22 CPI: 6.23

Semester 6

HS331	Sociology of Development	3-0-0	6	HS Elective	AB
ME306	Manufacturing Technology - II	3-1-0	8	CORE	CC
ME307	Machine Design	3-0-2	8	CORE	CC
ME308	Dynamics of Machinery	2-1-0	6	CORE	BC
ME309	Control Systems	3-1-0	8	CORE	DD
ME311	Mechanical Engineering Laboratory - III	0-0-4	4	CORE	BB
ME322	Applied Thermodynamics - II	2-1-0	6	CORE	CC

Credits Taken: 46 Credits Cleared: 281 SPI: 6.35 CPI: 6.25

Semester 7

ME400	Summer Training	0-0-0	2	CORE	AB
ME401	Industrial Engineering and Operations Research	3-1-0	8	CORE	BC
ME411	Mechanical Engineering Laboratory - IV	0-0-4	4	CORE	BB
ME449	Refrigeration and Air Conditioning	3-0-0	6	DEPARTMENTAL ELECTIVE - I	CC
ME461	Robotics and Robot Applications	3-0-0	6	DEPARTMENTAL ELECTIVE - II	CC
ME498	Project - I	0-0-8	8	CORE	BB
PH401	Introduction to Nanomaterials	3-0-0	6	OPEN ELECTIVE - I	BB

Credits Taken: 40 Credits Cleared: 321 SPI: 7.25 CPI: 6.37

Semester 8

HS441	Industrial and Organizational Psychology	3-0-0	6	HSS Elective	CC
ME442	Aerodynamics	3-0-0	6	Departmental Elective - III	BC
ME446	Composite Materials and Engineering	3-0-0	6	Departmental Elective - IV	CD
ME499	Project - II	0-0-16	16	CORE	BC
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	Open Elective - II	BB

Credits Taken: 40 Credits Cleared: 361 SPI: 6.7 CPI: 6.41

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TRANSCRIPT

Assistant Registrar (Academic)

INTERIM TRANSCRIPT