

AGRIC. & BIOSYSTEMS ENGINEERING

1st Semester

Course code	Subject	Lecturer	Lecture hours
AE5102	Thermodynamics (2)	Dr. Primal Fernando	30
AE5104	Engineering Drawing (2)	Dr. A. K. Karunarathna	-
		Dr. S.N. Gunasekara	30
AE 5106	Physical Properties of Agric. Products (2)	Prof. D.A.N Dharmasena	30
AE5109	Soil Mechanics (2)	Prof. B.F.A. Basnayake	-
		Dr. A. K. Karunarathna	30
AE 5111	Engineering Mechanics (2)	Prof. Ranjith Dissanayake	30
AE5112	Farm Mechanization (2)	Dr. D.N. Jayatissa	30
AE5117	Numerical Analysis in Agricultural Engineering Applications (2)	Dr. A. K. Karunarathna	-
		Dr T.H.K.R De Silva	30
AE 5157	Solid Waste Management (2)	Prof. B.F.A. Basnayake	20
		Dr. A. K. Karunarathna	10
AE 5167	Process Control & Automation (2)	Prof. K.S.P Amaratunge	30

2nd Semester

AE 5203	Food Process Engineering (2)	Prof. D.A.N Dharmasena	
AE 5204	Power and Energy for Agriculture (2)	Dr. Sanjeeva Witharana	
AE 5206	Fluid Mechanics (2)	Dr. Naddeshani Nanayakkara	
AE 5207	Applied Heat Transfer (2)	Prof. Primal Fernando	
AE 5213	Bioreactor and Bio-Environment Design and Control Systems (2)	Prof. B.F.A. Basnayake	
		Dr. Anurudda Karunarathna	
		Prof M.I.M. Mowjood	
AE 5198	Directed Study (5)	Dr. Anurudda Karunarathna	