

NATIONAL DIPLOMA CURRICULUM TABLE

Below are the minimum requirements from the institution's regulators. However, the department has introduced 5 additional local content courses to augment the provision of the national Board for Technical Education (NBTE).

(SEMESTER I)

CODE	COUSE TITLE	THEORY HRS/WK	PRACTICALS	TOTAL CONTACT HRS/WK	CREDIT HOURS/wk
ABE 101	Introduction to Agric and bioenvironmental engineering	3	1	4	4
AGT 111	Principles of Crop Production	2	2	4	4
ABE 113	Basic Workshop Technology and Practice	1	3	4	4
MEC 112	Technical Drawing	0	4	4	4
EEC 115	Electrical Engineering Science 1	1	2	3	3
ABE 112	Tractor operation & Maintenance	1	3	4	4
GNS 111	Citizenship Education	2	0	2	2
GNS 102	English Communication 1	2	0	2	2
COM 001	Computer Applications I	0	3	3	3
		12	19	31	31

CURRICULUM TABLE (SEMESTER II)

CODE	COUSE TITLE	THEORY	PRACTICALS	TOTAL CONTACT HRS/WK	CREDIT HRS/WK
ABE 121	Construction and maintenance of processing and storage facilities	2	4	6	6
ABE 122	Farm Machinery and Mechanisation 1	2	3	5	5
AGT 113	Introduction to Soil Science	2	2	4	4
ABE 102	Repair and Maintenance of Farm Implements	2	4	6	6
ABE 125	Introduction to Livestock Mechanisation	2	2	4	4
GNS 121	Citizenship Education II	2	0	2	2
GNS 202	Communication in English II	2	0		2
COM002	Computer Applications II	0	3		3
		14	18	32	32

CURRICULUM TABLE (SEMESTER III)

CODE	COURSE TITLE	THEORY	PRACTICALS	TOTAL	CREDIT HRS/WK
MEC214	Fluid Mechanics	2	2	4	4
ABE 203	Agric materials handling technology	2	3	5	5
ABE 211	Farm Electrification	2	3	5	5
ABE 222	Farm Machinery & Mechanisation 2	2	3	5	5
ABE 213	Irrigation and Drainage	2	2	5	5
ABE 227	Technical Report Writing	2	0	2	2
MEC 221	Computer aided design and drawing 1	0	3	3	3
BAM 116	Introduction to Entrepreneurship	2	1	3	3
		14	17	31	31

CURRICULUM TABLE (SEMESTER IV)

CODE	COURSE TITLE	THEORY	PRACTICAL	TOTAL	CREDIT HRS/WK
ABE 230	Farm Machinery Management	2	2	4	4
ABE 223	Soil and Water Conservation	2	2	4	4
ABE 224	Construction and maintenance of Farm Structures	2	3	5	5
ABE 225	Postharvest Technologies and Storage	2	3	5	5
ABE 228	Practical Project	1	4	5	5
IAE 112	Rural Sociology and Agricultural Extension	2	0	2	2
ABE 215	Farm Power	2	3	5	5
BAM 126	Practice of Entrepreneurship	1	2		
		14	19	33	33