

## **AGRIBUSINESS MANAGEMENT (AGB-842) Credit Hours 3(3-0)**

Course Description 1. This course focuses on analysis, diagnosis and decision-making related to the management of agri-business. The course relates to managing all resources, including; production, staff, financial assests, physical resources, and natural resources. It also covers strategic planning and whole farm planning. This course also includes application of generally agreed accounting principles (GAAP) to maintain financial record of the business transactions and use in routine decision making as well as financial analysis of agribusinesses. Educational Objectives 2. This course focuses on: a. Strategic planning methods for an agricultural business b. Methods for assessing the operations of a farm business including viability of different production enterprises c. Methods for managing physical and financial resources for a farm business d. Preparation and analysis of financial statements for agribusiness Course Outcomes 3. Upon successful completion of this course, the students will be able to a. Describe key strategies in farm management b. Understand the importance of resource management on a farm c. Implement strategic planning for the competitiveness of farming enterprise 3. Course Contents a. Strategic planning (1) Planning procedure and strategy; Financial sources for rural farms; Farm business structures b. Farm Planning (1) Quality management systems; Whole farm planning; integrated production plan c. Business Assessment (1) Business goals; factors involved in business assessment; viability analysis d. Accounting (1) Accrual and Cash Basis Accounting (2) Accounting Transactions (3) Current Farm Assets (4) Non-Current Farm Assets (5) Financial Statement for farms: Preparation (6) Financial Statement for farms: Disclosures e. Finance Management (1) Acquiring and organizing information (2) The balance sheet and its analysis (3) The income statement and its analysis (4) Farm budgeting and appraisals (5) Partial budgeting (6) Cash flow budgeting 10 WP No.1-54th ACM-12 Feb 2020 f. Financial Planning and Feasibility Analysis (1) Capital Structure, Liquidity, and Risk Management (2) Time Value of Money (3) Agricultural Credit Risk Assessment (4) Costs of Financial Capital (5) Investment Analysis g. Management Strategies (1) Scheduling; Production system; Animal production systems; Lot feeding; Cropping system; polyculture; business diversification; value addition h. Human Resources (1) Organizational structures; leadership; managing human resources; work scheduling; occupational health and safety; handling of hazardous and sensitive materials i. Physical Resources (1) Managing equipment, machinery and buildings; engineering efficiency; animal structures j. Natural Resources (1) Regulations and Legislations; land care program; soil reclamation and rehabilitation; chemical residues; water quality & management; Irrigation 4. Recommended Books: a. Olson, K.D. 2011. Economics of Farm Management in a Global Setting. John Wiley. Hoboken, NJ. (OK) b. Kay, R.D., W. M. Edwards and P. Duffy. 2012. Farm Management. Eighth edition. McGraw-Hill Book Company, 2016. (KED)