Code # AG14 (2015)

**Bulletin / Banner Change Transmittal Form**

**Undergraduate Curriculum Council** Print 1 copy for signatures and save 1 electronic copy.

**Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (If applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

Lori Fenner, [lfenner@astate.edu](mailto:lfenner@astate.edu), 2383

**2.Proposed Change**

Change AGEC 3003 and 4013 to Fall only

Change AGEC 3013, 3023, 4053 to Spring only

**3.Effective Date**

Fall 2016

**4.Justification –** *Please provide details as to why this change is necessary.*

We are correcting our course offering schedule to reflect the current rotation.

COLLEGE OF AGRICULTURE

AND TECHNOLOGY

The frequency of course offering is indicated following each course description. If not otherwise indicated, the course will be scheduled for each enrollment period. The university reserves the right to change course scheduling when circumstances dictate such changes.

**Agricultural Business and Economics (AGEC)**

**AGEC 1003. Introduction to Agricultural Business** Structure and organization of agricultural business. Basic economic principles and their application to agriculture. Fall, Spring.

**AGEC 3003. Agricultural Marketing** Present and alternative systems of marketing farm products. The principles, functions, channels, and agencies involved are described. Emphasis is on mea­surement of demand, costs, and efficiencies. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. ~~Spring.~~ Fall.

**AGEC 3013. Agricultural Records** Selection of appropriate systems for farm records and agri­business applications, computerized business accounting, spreadsheets and decision aids, and word processing applications for reports and communication. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. ~~Fall,~~ Spring.

**AGEC 3023. Cooperatives** Organization, capitalization, and management of cooperative busi­nesses. Operational practices and problems. Role of cooperative organizations in agricultural business. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. ~~Fall.~~ Spring.

**AGEC 3043. Marketing Specialty Agricultural Products** Introduction to marketing high value crops, processed agricultural goods, and specialty items. Topics will include market analysis and testing, financing, pricing, and transportation. Prerequisite, AGEC 1003 or MKTG 3013. Summer.

**AGEC 3053. Commodity Futures Markets** Function of futures markets in price discovery, price risk transfer, and speculation. Marketing strategies for agricultural, financial, and other commodities using futures contracts and options on futures. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. Fall.

**AGEC 3063. Agricultural Sales and Services** The history, image and economic importance of agricultural sales and consulting are emphasized, nature and functions of contemporary, profes­sional sales and consulting, selling process, as applied to agricultural inputs, products and the food and fiber industry. Prerequisite, AGEC 1003 or ECON 2313. Spring.

**AGEC 4013. Farm Appraisal** Factors governing the price of land, methods of land valuation, appraisals for use, sale, loan, and taxation. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. ~~Spring.~~ Fall.

**AGEC 4023. International Commodity Marketing** Development and coordination of activities related to marketing agricultural commodities in foreign markets. Emphasis given to identification and analysis of market size, location, mix, methods and changes in trading for commodities in international markets. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. Fall.

**AGEC 4033. Agricultural Law** Farm laws pertaining to land purchases, legal descriptions, leases, mortgages, security agreements, fences, drainage, irrigation, pollution, and quarantines. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. Spring.

**AGEC 4043. Land Economics** Physical characteristics as related to land use, the economics of land use. Principles of land utilization, classification, conservation, zoning, and land-use planning. Prerequisite, AGEC 1003. Spring.

**AGEC 4053. Agricultural Finance** Financial elements of the farm business. Emphasis will be given to the use and sources of agricultural credit. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. ~~Fall~~, Spring.

**AGEC 4063. Financial Analysis of Agribusiness** Study of quantitative concepts and methods used in the financial analysis of the agricultural business firm. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. Spring, odd.

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The bulletin can be accessed at http://www.astate.edu/a/registrar/students/

**AGEC 4073. Agricultural Business Management** Principles and problems involved in acquiring, organizing, and operating successful farms, ranches and other agricultural businesses, balance of enterprises, capital requirements, emphasis on managerial principles and management simulation. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. Fall, Spring.

**AGEC 4083. Agricultural Policy and Current Issues** Economic developments in agriculture, role of the government in agriculture and policies affecting rural people are considered. Text and current information are utilized. Prerequisite, AGEC 1003 or ECON 2313 or ECON 2323. Fall, Spring.

**AGEC 419V. Special Problems in Agricultural Economics** For students of senior standing. Approval of the instructor and dean necessary. Credit of one, two, or three hours as arranged. Spring, Fall, Summer.

**Agricultural Education (AGED)**

**AGED 1403. Basic Agricultural Mechanics** Introduction to basic wood and metal working tools and equipment used in most mechanics laboratories. Instruction focuses on safety, project design, tool and equipment use. Fall, Spring.

**AGED 1411. Introduction to Agricultural and Extension Education** Philosophy, aims, and objectives of agricultural and extension education. Explanation of programs, career opportunities, and qualifications in agricultural and extension education. Fall.

**AGED 1441. Introduction to Forestry** Emphasis on tree identification, instruments and equipment, tree disease and disorders, forest product uses, timber stand improvement, general principles of forest management, map and compass reading, and pulp and sawlog volume estima­tion. Spring.

**AGED 2433. Principles of Agricultural Power Electricity and Internal Combustion Engines** Agricultural power includes electricity and internal combustion engines. Electricity includes systems, devices, motors, installation and service. Internal combustion power includes small engine repair and maintenance. Prerequisite, AGED 1403. Spring, odd.

**AGED 2453. Application of Welding Technologies to Agriculture** Principles and practices of various methods of welding technology applied to agriculture. Lecture two hours, laboratory two hours per week. Fall.

**AGED 3433. Agricultural Equipment Hydraulic Systems** Study of the design, theory of opera­tion, and maintenance of agricultural equipment hydraulic systems. Includes troubleshooting and team solutions to functional system problems. Prerequisites, MATH 1023. Spring, even.

**AGED 3443. Leadership in Agriculture** Principles and practices associated with development of agricultural leaders as individuals or teams from a practical and historical perspective. Develop­ing skills needed to effectively work within agricultural organizations and with individual clientele. Spring, odd.

**AGED 3453. Agricultural Structural Systems** Basic carpentry skills associated with the agricultural environment. Focus of instruction is equipment safety and use, building supplies or materials, skills development in framing, roofing, installation of windows, etc. Two hour lecture and two hour laboratory per week. Fall.

**AGED 4433. Methods of Teaching Agricultural Mechanics** Methods and techniques used to teach and organize the mechanics laboratory. Teaching aids will be emphasized. Lecture two hours, laboratory two hours per week. Prerequisite, AGED 1403. Spring.

**AGED 445V. Practicum in Agricultural Communications** Practicum provides opportunities for students to gain practical experiences in a real working environment with trained professionals in the communications field. Fall, Spring, Summer.

**AGED 4462. Agricultural Youth Organizations** Introduction to the history, purposes, parlia­mentary procedure, and membership and awards structure. Emphasis on leadership development and advisor responsibilities to agricultural youth organizations 4H, FFA. Fall.

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