

From: [Smith, Randy](#)
To: [Gerber, Carri](#); [Osborne, Jeanne](#)
Cc: [Sutherland, Sue](#); [Marzette, Russell](#); [Greenbaum, Rob](#); [Reed, Katie](#); [Smith, Randy](#); [Duffy, Lisa](#); [Hunt, Ryan](#); [Boone, Kristina](#); [Christy, Ann](#)
Subject: Proposal to revise the Business Management AAS
Date: Friday, December 6, 2024 2:25:21 PM
Attachments: [image001.png](#)

Carri and Jeanne:

The proposal from Ohio State ATI to revise the Business Management Associate of Applied Science Program was approved by the Council on Academic Affairs at its meeting on December 4, 2024. Thank you for attending the meeting to respond to questions/comments.

No additional level of internal review/approval is necessary. This action will be included in the Council's next Annual Activities Report to the University Senate (July 2025).

The Office of the University Registrar will work you with any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions please contact the Chair of the Council, Professor Sue Sutherland. (43), or me.

Your continuous attention to curricular revision is impressive.

Randy



W. Randy Smith, Ph.D.

Vice Provost for Academic Programs

Office of Academic Affairs

University Square South, 15 E. 15th Avenue, Columbus, OH 43201

614-292-5881 Office

smith.70@osu.edu

Assisted by:

Katie Reed

Executive Assistant

(614) 292-5672

From: [Osborne, Jeanne](#)
To: [Smith, Randy](#)
Cc: [Reed, Katie](#); [Violet, Cynthia](#); [Lewandowski, Monica](#); [Gerber, Carri](#)
Subject: Requesting CAA Approval for revision to the Business Management - AAS degree
Date: Thursday, October 24, 2024 11:14:17 AM
Attachments: [BUSMGT-AA combined files - 1024 edits.pdf](#)
[image001.png](#)

Dear Dr. Smith,

The College of Food, Agricultural, and Environmental Sciences is requesting Council on Academic Affairs approval for revision to the Business Management Associate of Applied Science (AAS) at the Agricultural Technical Institute (ATI), as summarized below and outlined in the attached proposal.

The proposed changes to the Business Management AAS are a result of the systematic review of the Associate of Applied Science majors at ATI in light of the revision to the General Education Curriculum, changes in course offerings available at ATI, and needs of the industry and workforce. Overall, with the proposed revisions students will gain ability to choose courses in interest areas by reducing the required credit hours to complete the major from 64 to 60 and removing courses that are not regularly offered from the curriculum. Students currently enrolled in the major will not be negatively impacted by the proposed changes.

This proposal has been approved by the Academic Affairs Committee of Ohio State ATI and the CFAES Committee on Academic Affairs. Please let me know if any additional information is needed in support of this request.

Sincerely,

Jeanne



Jeanne M. Osborne | *Pronouns: She, Her, Hers*

Assistant Dean for Academic Affairs
College of Food, Agricultural, and Environmental Sciences
100E Agricultural Administration, 2120 Fyffe Rd.
Columbus, OH 43210
Tel: 614-292-1734
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'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)



September 25, 2024

Ms. Jeanne Osborne
Assistant Dean for Academic Programs
100E Agricultural Administration Building
2120 Fyffe Rd
Columbus, OH 43210

Dear Ms. Osborne,

Enclosed please find the proposed revision to the curriculum plan and course sequence for the Associate of Applied Science Business Management program submitted for consideration by the FAES Academic Affairs Committee.

In 2023, Ohio State ATI began a systematic review of the Associate of Applied Science programs with the goals of:

1. Updating the approved list of General Education and Applied Education courses;
2. Reducing the number of programs and courses offered on the Wooster campus; thus reducing the need for associated faculty;
3. Updating programs to current industry standards;
4. Keeping total credit hours closer to 60 rather than 64, allowing room for supplemental courses (e.g. English 1193) thus reducing time to degree; and
5. Incorporating the zero-credit hour internship course in the summer.

In a response to the call for curriculum review, former program coordinator, Ms. Kim Hostetler, in consultation with the program's advisor committee, revised the Associate of Applied Science Business Management program. The curricular change brings the Associate of Applied Science Business Management program to current practice, incorporates industry needs, and decreases the overall credit hours from 64 to 60. Ms. Hostetler provided the following rationale for the curricular change:

Agricultural Business specialization

Social/Behavioral Sciences or Arts & Humanities Change

- Require one course in either of these categories. The students will choose between Psych 1100 or History 1152 or Music 2250 or RelStds 2370.

Natural Sciences Change

- Remove GenBiol 1200T as an option due to plan to no longer offer that course. Put Biology 1101 in its place as option for the biological science.

Technical Course Changes

- BusTec 2244T and BusTec 2232T will no longer both be required. The students will choose one. This will allow the students to choose which area interests them most while allowing us to reduce the total number of credit hours for the degree.
- Remove BusTec 2207T as a requirement and no longer offer the course. The course has had extremely low enrollment for the last several years.

- Remove AEDECON 3141, Agricultural Cooperatives (2 credits) and replace with AEDECON 3142, Agricultural Cooperatives (3 credits) - due to a course revision and increased number of credits hours in AEDECON by Columbus.

Technical Elective Changes

Due to course withdrawals/limbo status in the Agricultural & Engineering Technologies Division changes in the technical elective options need to be made. The changes include:

- Remove AnmlTec 2400T - no longer being offered.

General Business specialization

Social/Behavioral Sciences or Arts & Humanities Change

- Require one course in either of these categories. The students will choose between Psych 1100 or History 1152 or Music 2250 or RelStds 2370.

Natural Sciences Change

- Remove GenBiol 1200T as an option due to plan to no longer offer that course. Put Biology 1101 in its place as option for the biological science.

Technical Studies Changes

- Remove BusTec 2207T as a requirement and no longer offer the course. The course has had extremely low enrollment for the last several years.
- Require a minimum of 9 credit hours of technical electives rather than 8.
- Remove AEDECON 3141, Agricultural Cooperatives (2 credits) as a technical elective option and replace with AEDECON 3142, Agricultural Cooperatives (3 credits) - due to a course revision and increased number of credits hours by AEDECON in Columbus.

The proposed changes to the current curriculum plan and course sequence for the Associate of Applied Science Business Management program were approved by the Arts, Science, and Business Division at Ohio State ATI and the Ohio State ATI Academic Affairs committee. Ohio State ATI is committed to protecting the academic progress of students. This program change will not disrupt progress toward degree for students enrolled in this degree program. Course substitutions and manual management of the degree audits will occur as needed for students enrolled in this degree program during the transition. When appropriate, coursework completed by students under the current degree program will be utilized for completion of the proposed degree program.

Enclosed please find the following documents:

- Current curriculum plan and course sequence for the Associate of Applied Science Business Management program.
- Proposed curriculum plan and course sequence for the Associate of Applied Science Business Management program.

Please let me know if there are questions, or if additional information or documentation is required to accompany this submission. We look forward to hearing from the FAES Academic Affairs Committee regarding next steps in the approval process.

Sincerely,

Carri A. Gerber

Carri A. Gerber, Ph.D.
Associate Director, Ohio State ATI

OHIO STATE ATI
ASSOCIATE OF APPLIED SCIENCE DEGREE
NON-TECHNICAL COURSE OPTIONS BY CATEGORY* (Effective Au2024)

GENERAL EDUCATION

Those courses in written and oral communication, quantitative principles, biological and physical sciences, social and behavior sciences and the arts and humanities that provide the foundation and common experience expected among individuals holding associate and baccalaureate degrees. These courses, along with courses within a major, provide opportunities for critical thinking, problem solving and analytic skills.

English Composition / Oral Communication

AGRCOMM 3130 - Oral Expression in Agriculture
ENGLISH1110.01 - REQUIRED - First-Year English Composition

Mathematics / Statistics and Logic

COMLDR 3537 - Data Analysis in the Applied Sciences
GENMATH 1141T - Business Mathematics
GENMATH 1145T - Technical Mathematics
MATH 1148 - College Algebra
MATH 1149 - Trigonometry
MATH 1150 - Precalculus
MATH 1151 - Calculus I

Arts and Humanities

COMLDR 3535 - Historical and Cultural Studies
COMPSTD 2301 - Introduction to World Literature
HISTORY 1152 - American History since 1877
MUSIC 2250 - Music Culture of the World
RELSTDS 2370 - Introductions to Comparative Religion

Social and Behavioral Sciences

AEDECON 2001 - Principles of Food and Resource Economics
ENR 2300 - Society and Natural Resources
PSYCH 1100 - Introduction to Psychology

Natural Sciences

ANIMSCI 2200.01 - Introductory Animal Sciences
ANMLTEC 3140T - Anatomy and Physiology
BIOLOGY 1101 - Introductory Biology
BIOLOGY 1113.01 - Bio Sci: Energy Transfer & Dev.
BIOLOGY 1114.01 - Bio Sci: Form, Function, Diversity and Ecology
CHEM 1110 - Elementary Chemistry
CHEM 1210 - General Chemistry 1
CHEM 1220 - General Chemistry II
CRPSOIL 2300T and 2301T Introduction to Soil Science/Intro Lab
ENR 2100 - Intro. to Environmental Science
GENBIOL 1250T - General Botany with Applications
GENCHEM 1100T - Introduction to General Chemistry
HCS 2202 - Form and Function in Cultivated Plants
MICRBIOL 4000.01 - Basic and Practical Microbiology
PHYSICS 1200 - Mechanics, Kinematics, Fluids, Waves
TECPHYS 1150T - Technical Physics

*May also be used as a technical studies course but can only be used once.

APPLIED GENERAL EDUCATION

Those courses within applied associate degrees that emphasize the application of general education to an occupational or technical area. Courses such as technical communication, business mathematics, calculations for health professionals, study skills, applied computing, and practical psychology are examples that fall in this category. Applied general education coursework cannot be counted toward meeting the minimum requirements for general education courses in associate or baccalaureate degrees (i.e., 15 semester hours in applied associate degree programs and 36 semester hours in associate of arts, associate of science and bachelor's degrees).

English Composition / Oral Communication

AGRCOMM 2330 - Public Perceptions of Agricultural and Environmental Issues
ENR 2367 - Communicating Environmental and Natural Resources Information
GENCOMM 2115T - Technical and Business Writing

Business

AEDECON 2105 - Managerial Records and Analysis
ANMLTEC 3800T - Principles of Farm Business Management
BUSTEC 1202T - Software Applications
BUSTEC 2231T - Fundamentals of Marketing
BUSTEC 2232T - Personal Selling
BUSTEC 2240T - Introduction to Project Management
BUSTEC 2241T - Small Business Management
BUSTEC 2244T - Human Resource Management and Leadership
BUSTEC 2247T - Business Law
BUSTEC 2249T - Fundamentals of Business Finance
CRPSOIL 3800T - Principles of Farm Business Management
HORTTEC 2260T - Sports Turf Operations Organization and Management
HORTTEC 2270T - Golf Course Organization and Management

Social and Behavioral Sciences

GENSSC 1181T - Hispanic Culture and Language in the Workplace

Applied Sciences

ANIMSCI 2200.03 - Animal Systems
ANMLTEC 2201T - Introduction to Horse Science
ANMLTEC 2603T - Swine Production and Management I
ANMLTEC 2200.02T - Introduction to Animal Science Laboratory
ANMLTEC 2202T - Introduction to Beef and Small Ruminant Production
ANMLTEC 3150T - Livestock Genetic Improvement
ANMLTEC 3157T - Dairy Cattle Genetic Improvement
BIOTECH 2218T - General and Applied Entomology
CRPSOIL 2422T - Weed Control Technology
ENGTECH 2121T - Drafting & Computer-Aided Design
ENGTECH 2310T - Building Science: Electrical and Lighting Systems
ENGTECH 2322T - Basic Electricity and Electronics
ENGTECH 2345T - Building Science: Mechanical Systems
ENR 3100 - Introduction to Sustainable Agriculture
HCS 2204 - Ecology of Managed Plant Systems
HCS 2205 - Ecology of Managed Plant Systems Lab
HORTTEC 2110T - Plant Materials I
HORTTEC 2120T - Plant Materials II
HORTTEC 2500T - Greenhouse Environment Control
HORTTEC 2740T - Plant Propagation
HORTTEC 2819T - Pesticides and their Use
HORTTEC 2880T - Principles of Weed Science
HORTTEC 2890T - Plant Diseases of Ornamentals and Turf

ASSOCIATE OF APPLIED SCIENCE DEGREE
BUSINESS MANAGEMENT CURRICULUM PLAN
Agricultural Business Specialization

CURRENT

ODHE		Ohio State ATI	
Non-Technical Studies		Non-Technical Studies	
General Education	Credits	General Education	Credits
Category		Course	
English Composition/Oral Communication	3	ENGLISH 1110.01 AGRCOMM 3130	3 3
Mathematics/Statistics and Logic	3	GENMATH 1141T	3
Arts and Humanities (3) Social and Behavioral Sciences (3) Natural Sciences (3) (min. 2 of 3 categories) (min. 6 credits)	6	PSYCH 1100 GENBIOL 1200T OR 1250T GENCHEM 1100T	3 4 3
From any of the General Education categories (listed above)	3	(listed above)	
Total General (min.)	15	Total General	19
Applied General Education		Applied General Education	
Courses determined by program from the following: General Education categories Applied Sciences Business		AEDECON 2001 BUSTEC 1202T GENCOMM 2115T BUSTEC 2232T Natural Science or Applied Sciences from approved list	3 1 3 3 3
COLLEGE/CAREER ORIENTATION		GENSTDS 1201.01T BUSTEC 1201T	0.5 0.5
Total Non-Technical Studies (min.)	30	Total Non-Technical Studies	33
Technical Studies		Technical Studies	
Industry/Practical Experience 3 (min) - 9 (max) [min 2 cr internship]		BUSTEC 2191T	3
Other courses determined by program		AEDECON 2105 AEDECON 3141 BUSTEC 2207T BUSTEC 2231T BUSTEC 2241T BUSTEC 2244T BUSTEC 2247T BUSTEC 2249T Electives from approved list	3 2 2 3 3 3 3 3 Min 6
Technical Studies Total		Technical Studies Total	31
DEGREE TOTAL	60-65	DEGREE TOTAL	64



Course	Title	Credits
1st Year – Autumn Semester		
AEDECON 2001	Principles of Food and Resource Economics	3
BUSTEC 1201T	Exploring Business	0.5
BUSTEC 1202T	Software Applications	1
BUSTEC 2244T	Human Resource Management and Leadership	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	0.5
ADDITIONAL NATURAL or APPLIED SCIENCE	From approved list	3
Total:		14
1st Year – Spring Semester		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2207T	Problem Solving with Spreadsheets & Databases	2
BUSTEC 2231T	Fundamentals of Marketing	3
GENMATH 1141T	Business Mathematics	3
NATURAL SCIENCE	GENBIOL 1200T OR 1250T OR GENCHEM 1100T (One GENBIOL AND GENCHEM 1100T required)	3-4
Total:		14-15
Summer Term		
BUSTEC 2191T	Business Internship	3
Total:		3
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2232T	Personal Selling	3
BUSTEC 2247T	Business Law	3
NATURAL SCIENCE	GENBIOL 1200T OR 1250T OR GENCHEM 1100T (One GENBIOL AND GENCHEM 1100T required)	3-4
TECHNICAL ELECTIVE	Specialty Area Elective from approved list	3
Total:		15-16
2nd Year – Spring Semester		
AEDECON 3141	Agricultural Cooperatives	2
BUSTEC 2241T	Small Business Management	3
BUSTEC 2249T	Fundamentals of Business Finance	3
GENCOMM 2115T	Technical & Business Writing	3
PSYCH 1100	Introduction to Psychology	3
TECHNICAL ELECTIVE	Specialty Area Elective from approved list	3
Total:		17
Total Credits for Associate of Science Degree:		64

Technical Elective options– 6 credit hours required.		Credits
*ANIMSCI 2200.01	Introductory Animal Sciences	3
ANMLTEC 2201T	Introduction to Horse Science	3
ANMLTEC 2202T	Introduction to Beef and Small Ruminant Production	3
ANMLTEC 2400T	Sustainable Animal Systems and Marketing	3
ANMLTEC 2603T OR ANMLTEC 3131T OR ANMLTEC 3132T OR ANMLTEC 3133T OR ANMLTEC 3137T	Swine Production and Management I Equine Feeding and Nutrition Ruminant Feeds and Feeding Practical Swine Feeding Dairy Cattle Feeding Management	3
ANMLTEC 3170T	Principles of Livestock Health	3
ANMLTEC 3171T	Horse Health and Disease	3
ANMLTEC 3177T	Dairy Cattle Health	4
ANMLTEC 3403T	Swine Production and Management II	4
CRPSOIL 2228T	Management Manure	3
CRPSOIL 2265T	Integrated Pest Management	2
*CRPSOIL 2300T	Introduction to Soil Science	3
*CRPSOIL 2301T	Introduction to Soil Science Lab	1
CRPSOIL 2324T	Soil Management	3
CRPSOIL 2412T	Technology and Field Management of Forage Crops	3
CRPSOIL 2422T	Weed Control Technology	3
CRPSOIL 2580T	Soil Fertility and Fertilizers	3
ENR 3100	Introduction to Agronomy	3
HCS 3100	Introduction to Agronomy	3

Additional Natural or Applied Science - 3 credits required from one of the following categories:		Credits
Applied Science options		
ANMLTEC 3150T	Livestock Genetic Improvement	3
ANMLTEC 3157T	Dairy Cattle Genetic Improvement	3
BIOTECH 2218T	General and Applied Entomology	3
ENGTECH 2121T	Drafting & Computer-Aided Design	2
ENGTECH 2310T	Building Science: Electrical & Lighting Systems	3
ENGTECH 2322T	Basic Electricity and Electronics	3
ENGTECH 2345T	Building Science: Mechanical Systems	3
HORTTEC 2880T	Principles of Weed Science	3
HORTTEC 2890T	Plant Diseases of Ornamentals and Turf	3
Natural Science options		
*ANIMSCI 2200.01 AND ANMLTEC 2200.02T	Introductory Animal Sciences Introductory Animal Sciences Laboratory	3 1
ANMLTEC 3140T	Animal Anatomy and Physiology	4
*CRPSOIL 2300T AND *CRPSOIL 2301T	Introduction to Soil Science Soil Introduction to Soil Science Laboratory	3 1
HCS 2202	Form and Function in Cultivated Plants	4
HCS 2204 AND HCS 2205	Ecology of Managed Plant Systems Ecology of Managed Plant Systems Laboratory	3 1
TECPHYS 1150T	Technical Physics	5

*Can only be applied to one category

ASSOCIATE OF APPLIED SCIENCE DEGREE
BUSINESS MANAGEMENT CURRICULUM PLAN
General Business Specialization

CURRENT

ODHE		Ohio State ATI	
Non-Technical Studies		Non-Technical Studies	
General Education	Credits	General Education	Credits
Category		Course	
English Composition/Oral Communication	3	ENGLISH 1110.01 AGRCOMM 3130	3 3
Mathematics/Statistics and Logic	3	GENMATH 1141T	3
Arts and Humanities (3) Social and Behavioral Sciences (3) Natural Sciences (3) (min. 2 of 3 categories) (min. 6 credits)	6	PSYCH 1100 GENBIOL 1200T OR 1250T GENCHEM 1100T	3 4 3
From any of the General Education categories (listed above)	3	(listed above)	
Total General (min.)	15	Total General	19
Applied General Education		Applied General Education	
Courses determined by program from the following: General Education categories Applied Sciences Business		AEDECON 2001 BUSTEC 1202T BUSTEC 2232T GENCOMM 2115T GENHUM 1190.01T OR 1190.02T OR HISTORY 1152 OR MUSIC 2250 OR RELSTDS 2370	3 1 3 3 3
COLLEGE/CAREER ORIENTATION		GENSTDS 1201.01T BUSTEC 1201T	0.5 0.5
Total Non-Technical Studies (min.)	30	Total Non-Technical Studies	33
Technical Studies		Technical Studies	
Industry/Practical Experience 3 (min) - 9 (max) [min 2 cr internship]		BUSTEC 2191T	3
Other courses determined by program		AEDECON 2105 BUSTEC 2207T BUSTEC 2231T BUSTEC 2241T BUSTEC 2244T BUSTEC 2247T BUSTEC 2249T Electives from approved list	3 2 3 3 3 3 3 Min 8
Technical Studies Total		Technical Studies Total	31
DEGREE TOTAL	60-65	DEGREE TOTAL	64

Course	Title	Credits
1st Year – Autumn Semester		
AEDECON 2001	Principles of Food and Resource Economics	3
BUSTEC 1201T	Exploring Business	0.5
BUSTEC 1202T	Software Applications	1
BUSTEC 2244T	Human Resource Management and Leadership	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	0.5
HUMANITIES	Choose 1 from the following: HISTORY 1152 OR MUSIC 2250 OR RELSTDS 2370 OR GENHUM 1190.01T OR 1190.02T OR 1190.03T	3
Total:		14
1st Year – Spring Semester		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2207T	Problem Solving with Spreadsheets & Databases	2
BUSTEC 2231T	Fundamentals of Marketing	3
GENMATH 1141T	Business Mathematics	3
NATURAL SCIENCE	GENBIOL 1200T OR 1250T OR GENCHEM 1100T (One GENBIOL and GENCHEM 1100T required)	3-4
Total:		14-15
Summer Term		
BUSTEC 2191T	Business Internship	3
Total:		3
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2232T	Personal Selling	3
BUSTEC 2247T	Business Law	3
NATURAL SCIENCE	GENBIOL 1200T OR 1250T OR GENCHEM 1100T (One GENBIOL and GENCHEM 1100T required)	3-4
ELECTIVE	Choose from approved list in consultation with Advisor	3
Total:		15-16
2nd Year – Spring Semester		
BUSTEC 2241T	Small Business Management	3
BUSTEC 2249T	Fundamentals of Business Finance	3
ELECTIVE	Choose from approved list in consultation with Advisor	3
ELECTIVE	Choose from approved list in consultation with Advisor	2
GENCOMM 2115T	Technical & Business Writing	3
PSYCH 1100	Introduction to Psychology	3
Total:		17
Total Credits for Associate of Science Degree:		64



Electives – minimum of 8 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
AEDECON 3105	Principles of Food and Supply Chains Agricultural Cooperatives	3
AEDECON 3141	Introduction to Project Management	2
BUSTEC 2240T	Foundations of Personal and Professional Leadership	3
COMLDR 3530	Principles of Food and Supply Chains Agricultural Cooperatives	3

ASSOCIATE OF APPLIED SCIENCE DEGREE
BUSINESS MANAGEMENT CURRICULUM PLAN
Agricultural Business Specialization

PURPOSED WITH HIGHLIGHTED CHANGES

ODHE		Ohio State ATI	
Non-Technical Studies		Non-Technical Studies	
General Education	Credits	General Education	Credits
Category		Course	
English Composition/Oral Communication	3	ENGLISH 1110.01 AGRCOMM 3130	3 3
Mathematics/Statistics and Logic	3	GENMATH 1141T	3
Arts and Humanities (3) Social and Behavioral Sciences (3) Natural Sciences (3) (min. 2 of 3 categories) (min. 6 credits)	6	PSYCH 1100 Choose from approved list in consultation with advisor BIOLOGY 1101 OR GENBIOL 1200T OR 1250T GENCHEM 1100T	3 4 3
From any of the General Education categories (listed above)	3	(listed above) GENCHEM 1100T	3
Total General (min.)	15	Total General	19
Applied General Education		Applied General Education	
Courses determined by program from the following: General Education categories Applied Sciences Business		AEDECON 2001 BUSTEC 1202T GENCOMM 2115T BUSTEC 2232T Natural Science or Applied Sciences from approved list	3 1 3 3 3
COLLEGE/CAREER ORIENTATION		GENSTDS 1201.01T BUSTEC 1201T	0.5 0.5
Total Non-Technical Studies (min.)	30	Total Non-Technical Studies	33 30
Technical Studies		Technical Studies	
Industry/Practical Experience 3 (min) - 9 (max) [min 2 cr internship]		BUSTEC 2191T	3
Other courses determined by program		AEDECON 2105 AEDECON 3144 2 BUSTEC 2207T BUSTEC 2231T BUSTEC 2241T BUSTEC 2244T OR BUSTEC 2232T BUSTEC 2247T BUSTEC 2249T Electives from approved list	3 2 3 2 3 3 3 3 3 Min 6
Technical Studies Total		Technical Studies Total	31 30

February 2022 October 2024

DEGREE TOTAL	60-65	DEGREE TOTAL	64 60

PROPOSED WITH HIGHLIGHTED CHANGES

Course	Title	Credits
1st Year – Autumn Semester		
AEDECON 2001	Principles of Food and Resource Economics	3
BUSTEC 1201T	Exploring Business	0.5
BUSTEC 1202T	Software Applications	1
BUSTEC 2244T OR BUSTEC 2232T	Human Resource Management and Leadership OR Personal Selling	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	0.5
ADDITIONAL NATURAL or APPLIED SCIENCE	From approved list	3
Total:		14
1st Year – Spring Semester		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2207T	Problem Solving with Spreadsheets & Databases	2
GENCOMM 2115T	Technical & Business Writing	3
BUSTEC 2231T	Fundamentals of Marketing	3
GENMATH 1141T	Business Mathematics	3
NATURAL SCIENCE	GENBIOL 1200T or 1250T or GENCHEM 1100T (One GENBIOL and GENCHEM 1100T required)	3-4
Total:		14-15
Summer Term		
BUSTEC 2191T	Business Internship	3
GENSTDS 2191T	Conducting Your Internship in CFAES – Ohio State ATI	0
Total:		3 0
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2191T	Business Internship	3
BUSTEC 2232T	Personal Selling	3
BUSTEC 2247T	Business Law	3
NATURAL SCIENCE	BIOLOGY 1101 OR GENBIOL 1200T or 1250T or GENCHEM 1100T (One GENBIOL and GENCHEM 1100T required)	3-4
TECHNICAL ELECTIVE	Specialty Area Elective from approved list	3
Total:		15-16
2nd Year – Spring Semester		
AEDECON 3144 2	Agricultural Cooperatives	2 3
BUSTEC 2241T	Small Business Management	3
BUSTEC 2249T	Fundamentals of Business Finance	3
GENCOMM 2115T	Technical & Business Writing	3
PSYCH 1100	Introduction to Psychology	3
SOCIAL SCIENCE OR HUMANITIES	Choose from approved list in consultation with advisor	

PROPOSED WITH HIGHLIGHTED CHANGES

TECHNICAL ELECTIVE	Specialty Area Elective from approved list	3
Total:		17 15
Total Credits for Associate of Science Degree:		64 60

Humanities or Social Science options - 3 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
COMPSTD 2301	Introduction to World Literature	3
HISTORY 1152	American Civilization since 1877	3
MUSIC 2250	Music cultures of the World	3
PSYCH 1100	Introduction to Psychology	3
RELSTDS 2370	Introduction to Comparative Religion	3

Specialty Area Elective options – 6 credit hours required.		Credits
*ANIMSCI 2200.01	Introductory Animal Sciences	3
ANMLTEC 2201T	Introduction to Horse Science	3
ANMLTEC 2202T	Introduction to Beef and Small Ruminant Production	3
ANMLTEC 2400T	Sustainable Animal Systems and Marketing	3
ANMLTEC 2603T OR ANMLTEC 3131T OR ANMLTEC 3132T OR ANMLTEC 3133T OR ANMLTEC 3137T	Swine Production and Management I Equine Feeding and Nutrition Ruminant Feeds and Feeding Practical Swine Feeding Dairy Cattle Feeding Management	3
ANMLTEC 3170T	Principles of Livestock Health	3
ANMLTEC 3171T	Horse Health and Disease	3
ANMLTEC 3177T	Dairy Cattle Health	4
ANMLTEC 3403T	Swine Production and Management II	4
CRPSOIL 2228T	Management Manure	3
CRPSOIL 2265T	Integrated Pest Management	2
*CRPSOIL 2300T	Introduction to Soil Science	3
*CRPSOIL 2301T	Introduction to Soil Science Lab	1
CRPSOIL 2324T	Soil Management	3
CRPSOIL 2412T	Technology and Field Management of Forage Crops	3
CRPSOIL 2422T	Weed Control Technology	3
CRPSOIL 2580T	Soil Fertility and Fertilizers	3
ENR 3100	Introduction to Agronomy	3
HCS 3100	Introduction to Agronomy	3

Additional Natural or Applied Science - 3 credits required from one of the following categories:		Credits
Applied Science options		
ANMLTEC 3150T	Livestock Genetic Improvement	3
ANMLTEC 3157T	Dairy Cattle Genetic Improvement	3
BIOTECH 2218T	General and Applied Entomology	3
ENGTECH 2121T	Drafting & Computer-Aided Design	2
ENGTECH 2310T	Building Science: Electrical & Lighting Systems	3
ENGTECH 2322T	Basic Electricity and Electronics	3
ENGTECH 2345T	Building Science: Mechanical Systems	3
HORTTEC 2880T	Principles of Weed Science	3
HORTTEC 2890T	Plant Diseases of Ornamentals and Turf	3
Natural Science options		
*ANIMSCI 2200.01 AND ANMLTEC 2200.02T	Introductory Animal Sciences Introductory Animal Sciences Laboratory	3 1
ANMLTEC 3140T	Animal Anatomy and Physiology	4
*CRPSOIL 2300T AND *CRPSOIL 2301T	Introduction to Soil Science Introduction to Soil Science Laboratory	3 1
HCS 2202	Form and Function in Cultivated Plants	4
HCS 2204 AND HCS 2205	Ecology of Managed Plant Systems Ecology of Managed Plant Systems Laboratory	3 1
TECPHYS 1150T	Technical Physics	5

*Can only be applied to one category

ASSOCIATE OF APPLIED SCIENCE DEGREE
BUSINESS MANAGEMENT CURRICULUM PLAN
General Business Specialization

PROPOSED WITH HIGHLIGHTED CHANGES

ODHE		Ohio State ATI	
Non-Technical Studies		Non-Technical Studies	
General Education	Credits	General Education	Credits
Category		Course	
English Composition/Oral Communication	3	ENGLISH 1110.01 AGRCOMM 3130	3 3
Mathematics/Statistics and Logic	3	GENMATH 1141T	3
Arts and Humanities (3) Social and Behavioral Sciences (3) Natural Sciences (3) (min. 2 of 3 categories) (min. 6 credits)	6	PSYCH 1100 or HISTORY 1152 or MUSIC 2250 or RELSTDS 2370 or COMPSTD 2031 BIOLOGY 1101 OR GENBIOL 1200T or 1250T GENCHEM 1100T	3 4 3
From any of the General Education categories (listed above)	3	(listed above) GENCHEM 1100T	3
Total General (min.)	15	Total General	19
Applied General Education		Applied General Education	
Courses determined by program from the following: General Education categories Applied Sciences Business		AEDECON 2001 BUSTEC 1202T BUSTEC 2232T GENCOMM 2115T GENHUM 1190.01T or 1190.02T or HISTORY 1152 or MUSIC 2250 or RELSTDS 2370	3 1 3 3 3
COLLEGE/CAREER ORIENTATION		GENSTDS 1201.01T BUSTEC 1201T	0.5 0.5
Total Non-Technical Studies (min.)	30	Total Non-Technical Studies	33 30
Technical Studies		Technical Studies	
Industry/Practical Experience 3 (min) - 9 (max) [min 2 cr internship]		BUSTEC 2191T	3
Other courses determined by program		AEDECON 2105 BUSTEC 2207T BUSTEC 2231T BUSTEC 2241T BUSTEC 2244T BUSTEC 2247T BUSTEC 2249T Electives from approved list	3 2 3 3 3 3 3 Min 8 9
Technical Studies Total		Technical Studies Total	31 30

DEGREE TOTAL	60-65	DEGREE TOTAL	64 60
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PROPOSED WITH HIGHLIGHTED CHANGES

Course	Title	Credits
1st Year – Autumn Semester		
AEDECON 2001	Principles of Food and Resource Economics	3
BUSTEC 1201T	Exploring Business	0.5
BUSTEC 1202T	Software Applications	1
BUSTEC 2244T	Human Resource Management and Leadership	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	0.5
HUMANITIES or SOCIAL SCIENCE	Choose 1 from the following: HISTORY 1152 OR MUSIC 2250 OR RELSTDS 2370 OR GENHUM 1190.01T OR 1190.02T OR 1190.03T Choose from approved list in consultation with Advisor	3
Total:		14
1st Year – Spring Semester		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2207T	Problem Solving with Spreadsheets & Databases	2
BUSTEC 2231T	Fundamentals of Marketing	3
GENCOMM 2115T	Technical & Business Writing	3
GENMATH 1141T	Business Mathematics	3
NATURAL SCIENCE	GENBIOL 1200T or 1250T or GENCHEM 1100T (One GENBIOL and GENCHEM 1100T required)	3-4
Total:		14-15
Summer Term		
BUSTEC 2191T	Business Internship	3
GENSTDS 2191T	Conducting Your Internship in CFAES – Ohio State ATI	0
Total:		3 0
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2191T	Business Internship	3
BUSTEC 2232T	Personal Selling	3
BUSTEC 2247T	Business Law	3
NATURAL SCIENCE	BIOLOGY 1101 OR GENBIOL 1200T OR 1250T OR GENCHEM 1100T (One GENBIOL and GENCHEM 1100T required)	3-4
ELECTIVE	Choose from approved list in consultation with Advisor	3
Total:		15-16
2nd Year – Spring Semester		
BUSTEC 2232T	Personal Selling	3
BUSTEC 2241T	Small Business Management	3
BUSTEC 2249T	Fundamentals of Business Finance	3
ELECTIVE	Choose from approved list in consultation with Advisor	3

PROPOSED WITH HIGHLIGHTED CHANGES

ELECTIVE	Choose from approved list in consultation with Advisor	2 3
GENCOMM 2115T	Technical & Business Writing	3
PSYCH 1100	Introduction to Psychology	3
Total:		17 15
Total Credits for Associate of Science Degree:		64 60

Electives – minimum of 8 9 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
AEDECON 3105	Principles of Food and Supply Chains Agricultural Cooperatives	3
AEDECON 3144 2	Introduction to Project Management	2 3
BUSTEC 2240T	Foundations of Personal and Professional Leadership	3
COMLDR 3530	Principles of Food and Supply Chains Agricultural Cooperatives	3

Humanities or Social Science options - 3 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
COMPSTD 2301	Introduction to World Literature	3
HISTORY 1152	American Civilization since 1877	3
MUSIC 2250	Music cultures of the World	3
PSYCH 1100	Introduction to Psychology	3
RELSTDS 2370	Introduction to Comparative Religion	3

ASSOCIATE OF APPLIED SCIENCE DEGREE
BUSINESS MANAGEMENT CURRICULUM PLAN
Agricultural Business Specialization

PROPOSED

ODHE		Ohio State ATI	
Non-Technical Studies		Non-Technical Studies	
General Education	Credits	General Education	Credits
Category		Course	
English Composition/Oral Communication	3	ENGLISH 1110.01 AGRCOMM 3130	3 3
Mathematics/Statistics and Logic	3	GENMATH 1141T	3
Arts and Humanities (3) Social and Behavioral Sciences (3) Natural Sciences (3) (min. 2 of 3 categories) (min. 6 credits)	6	Choose from approved list in consultation with advisor BIOLOGY 1101 OR GENBIOL 1250T	3 4
From any of the General Education categories (listed above)	3	GENCHEM 1100T	3
Total General (min.)	15	Total General	19
Applied General Education		Applied General Education	
Courses determined by program from the following: General Education categories Applied Sciences Business		AEDECON 2001 BUSTEC 1202T GENCOMM 2115T Natural Science or Applied Sciences from approved list	3 1 3 3
COLLEGE/CAREER ORIENTATION		GENSTDS 1201.01T BUSTEC 1201T	0.5 0.5
Total Non-Technical Studies (min.)	30	Total Non-Technical Studies	30
Technical Studies		Technical Studies	
Industry/Practical Experience 3 (min) - 9 (max) [min 2 cr internship]		BUSTEC 2191T	3
Other courses determined by program		AEDECON 2105 AEDECON 314 2 BUSTEC 2231T BUSTEC 2241T BUSTEC 2244T or BUSTEC 2232T BUSTEC 2247T BUSTEC 2249T Electives from approved list	3 3 3 3 3 3 3 Min 6
Technical Studies Total		Technical Studies Total	30
DEGREE TOTAL	60-65	DEGREE TOTAL	60



PROPOSED

Course	Title	Credits
1st Year – Autumn Semester		
AEDECON 2001	Principles of Food and Resource Economics	3
BUSTEC 1201T	Exploring Business	0.5
BUSTEC 1202T	Software Applications	1
BUSTEC 2244T OR BUSTEC 2232T	Human Resource Management and Leadership OR Personal Selling	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	0.5
ADDITIONAL NATURAL or APPLIED SCIENCE	From approved list	3
		Total: 14
1st Year – Spring Semester		
AEDECON 2105	Managerial Records and Analysis	3
GENCOMM 2115T	Technical & Business Writing	3
BUSTEC 2231T	Fundamentals of Marketing	3
GENMATH 1141T	Business Mathematics	3
NATURAL SCIENCE	GENCHEM 1100T	3
		Total: 15
Summer Term		
GENSTDS 2191T	Conducting Your Internship in CFAES – Ohio State ATI	0
		Total: 0
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2191T	Business Internship	3
BUSTEC 2247T	Business Law	3
NATURAL SCIENCE	BIOLOGY 1101 OR GENBIOL 1250T	4
TECHNICAL ELECTIVE	Specialty Area Elective from approved list	3
		Total: 16
2nd Year – Spring Semester		
AEDECON 3142	Agricultural Cooperatives	3
BUSTEC 2241T	Small Business Management	3
BUSTEC 2249T	Fundamentals of Business Finance	3
SOCIAL SCIENCE OR HUMANITIES	Choose from approved list in consultation with advisor	3
TECHNICAL ELECTIVE	Specialty Area Elective from approved list	3
		Total: 15
		Total Credits for Associate of Science Degree: 60

PROPOSED

Humanities or Social Science options - 3 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
COMPSTD 2301	Introduction to World Literature	3
HISTORY 1152	American Civilization since 1877	3
MUSIC 2250	Music cultures of the World	3
PSYCH 1100	Introduction to Psychology	3
RELSTDS 2370	Introduction to Comparative Religion	3

Specialty Area Elective options – 6 credit hours required.		Credits
*ANIMSCI 2200.01	Introductory Animal Sciences	3
ANMLTEC 2201T	Introduction to Horse Science	3
ANMLTEC 2202T	Introduction to Beef and Small Ruminant Production	3
ANMLTEC 2603T OR ANMLTEC 3131T OR ANMLTEC 3132T OR ANMLTEC 3133T OR ANMLTEC 3137T	Swine Production and Management I Equine Feeding and Nutrition Ruminant Feeds and Feeding Practical Swine Feeding Dairy Cattle Feeding Management	3
ANMLTEC 3170T	Principles of Livestock Health	3
ANMLTEC 3171T	Horse Health and Disease	3
ANMLTEC 3177T	Dairy Cattle Health	4
ANMLTEC 3403T	Swine Production and Management II	4
CRPSOIL 2228T	Management Manure	3
CRPSOIL 2265T	Integrated Pest Management	2
*CRPSOIL 2300T	Introduction to Soil Science	3
*CRPSOIL 2301T	Introduction to Soil Science Lab	1
CRPSOIL 2324T	Soil Management	3
CRPSOIL 2412T	Technology and Field Management of Forage Crops	3
CRPSOIL 2422T	Weed Control Technology	3
CRPSOIL 2580T	Soil Fertility and Fertilizers	3
ENR 3100	Introduction to Agronomy	3
HCS 3100	Introduction to Agronomy	3

Additional Natural or Applied Science - 3 credits required from one of the following categories:		Credits
Applied Science options		
ANMLTEC 3150T	Livestock Genetic Improvement	3
ANMLTEC 3157T	Dairy Cattle Genetic Improvement	3
BIOTECH 2218T	General and Applied Entomology	3
ENGTECH 2121T	Drafting & Computer-Aided Design	2
ENGTECH 2310T	Building Science: Electrical & Lighting Systems	3
ENGTECH 2322T	Basic Electricity and Electronics	3
ENGTECH 2345T	Building Science: Mechanical Systems	3
HORTTEC 2880T	Principles of Weed Science	3
HORTTEC 2890T	Plant Diseases of Ornamentals and Turf	3
Natural Science options		
*ANIMSCI 2200.01 AND ANMLTEC 2200.02T	Introductory Animal Sciences Introductory Animal Sciences Laboratory	3 1
ANMLTEC 3140T	Animal Anatomy and Physiology	4
*CRPSOIL 2300T AND *CRPSOIL 2301T	Introduction to Soil Science Introduction to Soil Science Laboratory	3 1
HCS 2202	Form and Function in Cultivated Plants	4
HCS 2204 AND HCS 2205	Ecology of Managed Plant Systems Ecology of Managed Plant Systems Laboratory	3 1
TECPHYS 1150T	Technical Physics	5

*Can only be applied to one category

ASSOCIATE OF APPLIED SCIENCE DEGREE
BUSINESS MANAGEMENT CURRICULUM PLAN
General Business Specialization

PROPOSED

ODHE		Ohio State ATI	
Non-Technical Studies		Non-Technical Studies	
General Education	Credits	General Education	Credits
Category		Course	
English Composition/Oral Communication	3	ENGLISH 1110.01 AGRCOMM 3130	3 3
Mathematics/Statistics and Logic	3	GENMATH 1141T	3
Arts and Humanities (3) Social and Behavioral Sciences (3) Natural Sciences (3) (min. 2 of 3 categories) (min. 6 credits)	6	Choose from approved list in consultation with Advisor BIOLOGY 1101 OR GENBIOL 1250T	3 4
From any of the General Education categories (listed above)	3	GENCHEM 1100T	3
Total General (min.)	15	Total General	19
Applied General Education		Applied General Education	
Courses determined by program from the following: General Education categories Applied Sciences Business		AEDECON 2001 BUSTEC 1202T BUSTEC 2232T GENCOMM 2115T	3 1 3 3
COLLEGE/CAREER ORIENTATION		GENSTDS 1201.01T BUSTEC 1201T	0.5 0.5
Total Non-Technical Studies (min.)	30	Total Non-Technical Studies	30
Technical Studies		Technical Studies	
Industry/Practical Experience 3 (min) - 9 (max) [min 2 cr internship]		BUSTEC 2191T	3
Other courses determined by program		AEDECON 2105 BUSTEC 2231T BUSTEC 2241T BUSTEC 2244T BUSTEC 2247T BUSTEC 2249T Electives from approved list	3 3 3 3 3 3 Min 9
Technical Studies Total		Technical Studies Total	30
DEGREE TOTAL	60-65	DEGREE TOTAL	60

PROPOSED

Course	Title	Credits
1st Year – Autumn Semester		
AEDECON 2001	Principles of Food and Resource Economics	3
BUSTEC 1201T	Exploring Business	0.5
BUSTEC 1202T	Software Applications	1
BUSTEC 2244T	Human Resource Management and Leadership	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	0.5
HUMANITIES or SOCIAL SCIENCE	Choose from approved list in consultation with Advisor	3
Total:		14
1st Year – Spring Semester		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2231T	Fundamentals of Marketing	3
GENCOMM 2115T	Technical & Business Writing	3
GENMATH 1141T	Business Mathematics	3
NATURAL SCIENCE	GENCHEM 1100T	3
Total:		15
Summer Term		
GENSTDS 2191T	Conducting Your Internship in CFAES – Ohio State ATI	0
Total:		0
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2191T	Business Internship	3
BUSTEC 2247T	Business Law	3
NATURAL SCIENCE	BIOLOGY 1101 OR GENBIOL 1250T	4
ELECTIVE	Choose from approved list in consultation with Advisor	3
Total:		16
2nd Year – Spring Semester		
BUSTEC 2232T	Personal Selling	3
BUSTEC 2241T	Small Business Management	3
BUSTEC 2249T	Fundamentals of Business Finance	3
ELECTIVE	Choose from approved list in consultation with Advisor	3
ELECTIVE	Choose from approved list in consultation with Advisor	3
Total:		15
Total Credits for Associate of Science Degree:		60



Electives – minimum of 9 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
AEDECON 3105	Principles of Food and Supply Chains Agricultural Cooperatives	3
AEDECON 3142	Introduction to Project Management	3
BUSTEC 2240T	Foundations of Personal and Professional Leadership	3
COMLDR 3530	Principles of Food and Supply Chains Agricultural Cooperatives	3

Humanities or Social Science options - 3 credit hours required. Choose from the following list in consultation with your Advisor:		Credits
COMPSTD 2301	Introduction to World Literature	3
HISTORY 1152	American Civilization since 1877	3
MUSIC 2250	Music cultures of the World	3
PSYCH 1100	Introduction to Psychology	3
RELSTDS 2370	Introduction to Comparative Religion	3