



November 6, 2015

Dr. Steve Neal
Assistant Dean for Academic Affairs
100E Agricultural Administration Building
2120 Fyffe Rd
Columbus, OH 43210

Dear Dr. Neal,

Enclosed please find the proposed curriculum plan for the Associate of Science in Agricultural Systems Management (AGSYSMT-AS), submitted for consideration by the FAES Academic Affairs Committee. The modifications of the current curriculum plan respond to the Ohio Department of Higher Education (ODHE) revised requirements for this degree program as indicated in the revised ODHE Guidelines and Procedures for Academic Program Review document, and are in alignment with the approved curriculum plan template for the Ohio State ATI Associate of Science degree program. The changes address the reduction in credit hours and alignment with the general education curriculum for this degree program. In addition, the proposed curriculum plan provides students with a course of study that will prepare them to transition smoothly to the corresponding four-year degree program(s) on the Columbus campus of The Ohio State University.

In conjunction with the Baccalaureate Agricultural Systems Management program in Columbus, this program is being changed to take advantage of specific strengths found at the Ohio State ATI and Columbus campuses:

- One Arts/Humanities course was removed (-3 cr)
- Two technical courses were moved from required to a list of technical elective options (-7 cr)
- ANMLTEC 2300T Introduction to Animal Sciences Laboratory was added (+1 cr)
- CRPSOIL 2228T Manure Management was added (+3 cr)
- AGRCOMM 3130 Oral Expression in Agriculture was added (+3 cr)
- Electives were changed from 5 to 3 (-2 cr)
- Total credit hours was changed from 69-70 to 64-65
- Concurrence for the program has been received from the Department of Food, Agricultural, and Biological Engineering

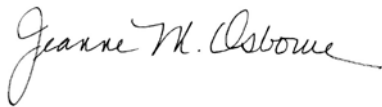
The proposed curriculum plan was developed by the Program Coordinator for the major. The courses that are included in the current and proposed curriculum plan were selected in consultation with other faculty involved in the program as well as stakeholder advisory committees and/or individuals. The proposed curriculum plan and course sequence were approved by the Agricultural and Engineering Technologies 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. In order that this proposed program change will not disrupt progress toward their degree, 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 Agricultural Systems Management degree program
- Proposed curriculum plan and course sequence for the Agricultural Systems Management degree program
- Concurrence for the curriculum plan/course sequence

Please let me know if there are questions or 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,

A handwritten signature in cursive script that reads "Jeanne M. Osborne". The signature is written in black ink and is positioned below the word "Sincerely,".

Jeanne M. Osborne
Assistant Director, Academic Affairs

**ASSOCIATE OF SCIENCE DEGREE
AGRICULTURAL SYSTEMS MANAGEMENT CURRICULUM PLAN**

Ohio State ATI – AS Degree		Major:	Agricultural Systems Management	
Subject	Sem Crs	Course Dept. & Number	Course Title	Crs
English Composition and Literature	6 cr	ENGLISH 1110.01 AGRCOMM 2367 or ENR 2367	First-Year English Composition Agricultural Issues in Contemporary Society or Communicating Environmental and Natural Resources Information	3 3
Humanities	9 cr	HISTORY 1152 COMPSTD 2301 MUSIC 2250	American Civilization since 1877 Introduction to World Literature Music Cultures of the World	3 3 3
Social and Behavioral Sciences	6 cr	RURLSOC 1500 AEDECON 2001	Introduction to Rural Sociology Principles of Food & Resource Economics	3 3
Natural Science (physical and biological) and/or Mathematics	10-13 cr	CRPSOIL 2300T CRPSOIL 2301T MATH 1148 TECPHYS 1150T	Introduction to Soil Science Introduction to Soil Science Lab College Algebra Technical Physics	3 1 4 5
Open Option or Cultures and Ideas	3 cr	ANMLTEC 2200T	Introduction to Animal Sciences	3
College/Career Orientation	1 cr	GENSTDS 1201T ENGTECH 1201.03T	College Orientation Exploring Agricultural Systems Management	0.5 0.5
	36 cr			38
Minimum of 24 cr. of transferable courses applicable to OSU bachelor's degree. Developed in consultation with affiliated department/unit where appropriate.	24 cr	AEDECON 2105 BUSTEC 2241T or ANMLTEC 3800T ENGTECH 2011T ENGTECH 2040T ENGTECH 2120T ENGTECH 2121T ENGTECH 2191.04T ENGTECH 2240T ELECTIVES	Managerial Records and Analysis Small Business Management or Principles of Farm Business Management Small Engine Basics Soil and Water Conservation Systems Building Science: Methods and Materials Drafting and Computer-Aided Design Agricultural Systems Internship Welding Technology	3 3/4 4 4 4 3 2 3 5
Other Course Total	24 min cr			31-32
Degree Totals	60 cr min– 70 cr max			69-70

AGSYSMT-AS
Catalog Year
2014-2015

**Agricultural Systems Management
Associate of Science**

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
ANMLTEC 2200T	Introduction to Animal Sciences	3
ENGLISH 1110.01	First-Year English Composition	3
ENGTECH 1201.03T	Exploring Agricultural Systems Management	.5
ENGTECH 2120T	Building Science: Methods and Materials	4
GENSTDS 1201T	College Orientation	.5
MATH 1148	College Algebra	<u>4</u>
		15
<u>1st Year – Spring Semester</u>		
AEDECON 2001	Principles of Food and Resource Economics	3
AGRCOMM 2367 or ENR 2367	Agricultural Issues in Contemporary Society or Communicating Environmental and Natural Resources Information	3
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
ENGTECH 2121T	Drafting and Computer-Aided Design	3
TECPHYS 1150T	Technical Physics	<u>5</u>
		18
<u>Summer Term</u>		
*ENGTECH 2191.04T	Agricultural Systems Technology Internship	<u>2</u>
		2
<u>2nd Year – Autumn Semester</u>		
AEDECON 2105	Managerial Records and Analysis	3
ENGTECH 2240T	Welding Technology	3
HISTORY 1152	American Civilization since 1877	3
MUSIC 2250	Music Cultures of the World	3
RURLSOC 1500	Introduction to Rural Sociology	3
ELECTIVES	Technical Electives – see course options on back	<u>2</u>
		17
<u>2nd Year – Spring Semester</u>		
COMPSTD 2301	Introduction to World Literature	3
ENGTECH 2011T	Small Engine Basics	4
ENGTECH 2040T	Soil and Water Conservation Systems	4
BUSTEC 2241T or ANMLTEC 3800T	Small Business Management or Principles of Farm Business Management	3/4
ELECTIVES	Technical Electives – see course options on back	<u>3</u>
		17-18
	Total Credits	69-70

*A grade of C or better required to meet graduation requirements.

AGSYSMT-AS
Catalog Year
2014-2015

**Agricultural Systems Management
Associate of Science**

Technical Electives – minimum: 5 credits

<u>Course</u>	<u>Title</u>	<u>Credits</u>
ANMLTEC 2300T	Introduction to Animal Sciences Laboratory	1
BIOTECH 2218T	General and Applied Entomology	3
BUSTEC 2244T	Human Resource Management and Leadership	3
BUSTEC 2249T	Fundamentals of Business Finance	3
CRPSOIL 2228T	Manure Management	3
CRPSOIL 2412T	Forage Crops	3

**ASSOCIATE OF SCIENCE DEGREE
AGRICULTURAL SYSTEMS MANAGEMENT CURRICULUM PLAN**

Ohio State ATI		Major: Agricultural Systems Management	
General Education		General Education	
Subject	Sem Cr	Course	Sem Cr.
ENGLISH COMPOSITION/ ORAL COMMUNICATION ENGLISH 1110.01 AGRCOMM 2367 or 3130 or ENR 2367	3	ENGLISH 1110.01	3
	3	AGRCOMM 2367 or ENR 2367	3
MATHEMATICS/ STATISTICS AND LOGIC MATHEMATICS	4-5	MATH 1148	4
ARTS AND HUMANITIES Select at least 1 course from 2 of the following areas: Historical Study Culture and Ideas* Literature* Art*	min. 6	Choose 2 of the following courses: HISTORY 1152 RELSTDS 2370* COMPSTD 2301* MUSIC 2250*	3 3
SOCIAL AND BEHAVIORAL SCIENCES Social and Behavioral Sciences AEDECON 2001 RURLSOC 1500	3	AEDECON 2001	3
	3	RURLSOC 1500	3
NATURAL SCIENCES	min. 6	TECPHYS 1150T ANMLTEC 2200T	5 3
COLLEGE/CAREER ORIENTATION	1	GENSTDS 1201T ENGTECH 1201.03T	0.5 0.5
Additional OTM course(s) (from 5 GE categories above) or Open Option (course(s) as defined by OSU Columbus major)		AGRCOMM 3130 CRPSOIL 2300T	3 3
Total General Education	37-40	Total General Education	37
Transferable and major courses applicable to OSU bachelor's degree Developed in consultation with affiliated department/unit where appropriate		AEDECON 2105	3
		ANMLTEC 2300T	1
		BUSTEC 2241T or ANMLTEC 3800T	3-4
		CRPSOIL 2228T	3
		CRPSOIL 2301T	1
		ENGTECH 2040T	4
		ENGTECH 2120T	4
		ENGTECH 2191.04T	2
		ENGTECH 2240T	3
		TECHNICAL ELECTIVE (choose from)	3
		BIOTECH 2218T	
		BUSTEC 2244T	
	BUSTEC 2249T		
	CRPSOIL 2412T		
	ENGTECH 2011T		
	ENGTECH 2121T		
	Total Transferable and Major Courses	27-28	
DEGREE TOTAL	60-65	DEGREE TOTAL	64-65

COMPSTD 2301 (Literature), MUSIC 2250 (Art), and * RELSTDS 2370 (Culture and Ideas) courses offered at Ohio State ATI, also fulfill a global issues general education requirement, in addition to the areas that they are designated

**ASSOCIATE OF SCIENCE DEGREE
AGRICULTURAL SYSTEMS MANAGEMENT CURRICULUM PLAN**

Ohio State ATI		Major: Agricultural Systems Management	
General Education		General Education	
Subject	Sem Cr	Course	Sem Cr.
ENGLISH COMPOSITION/ ORAL COMMUNICATION ENGLISH 1110.01 AGRCOMM 2367 or 3130 or ENR 2367	3 3	ENGLISH 1110.01 AGRCOMM 2367 or ENR 2367	3 3
MATHEMATICS/ STATISTICS AND LOGIC MATHEMATICS	4-5	MATH 1148	4
ARTS AND HUMANITIES Select at least 1 course from 2 of the following areas: Historical Study Culture and Ideas* Literature* Art*	min. 6	Choose 2 of the following courses: HISTORY 1152 RELSTDS 2370* COMPSTD 2301* MUSIC 2250*	 3 3
SOCIAL AND BEHAVIORAL SCIENCES Social and Behavioral Sciences AEDECON 2001 RURLSOC 1500	3 3	AEDECON 2001 RURLSOC 1500	3 3
NATURAL SCIENCES	min. 6	TECPHYS 1150T ANMLTEC 2200T	5 3
COLLEGE/CAREER ORIENTATION	1	GENSTDS 1201T ENGTECH 1201.03T	0.5 0.5
Additional OTM course(s) (from 5 GE categories above) or Open Option (course(s) as defined by OSU Columbus major)		AGRCOMM 3130 CRPSOIL 2300T	3 3
Total General Education	37-40	Total General Education	37
Transferable and major courses applicable to OSU bachelor's degree Developed in consultation with affiliated department/unit where appropriate		AEDECON 2105 ANMLTEC 2300T BUSTEC 2241T or ANMLTEC 3800T CRPSOIL 2228T CRPSOIL 2301T ENGTECH 2040T ENGTECH 2120T ENGTECH 2191.04T ENGTECH 2240T TECHNICAL ELECTIVE (choose from) BIOTECH 2218T BUSTEC 2244T BUSTEC 2249T CRPSOIL 2412T ENGTECH 2011T ENGTECH 2121T	3 1 3-4 3 1 4 4 2 3 3
		Total Transferable and Major Courses	27-28
DEGREE TOTAL	60-65	DEGREE TOTAL	64-65

COMPSTD 2301 (Literature), MUSIC 2250 (Art), and * RELSTDS 2370 (Culture and Ideas) courses offered at Ohio State ATI, also fulfill a global issues general education requirement, in addition to the areas that they are designated

AGSYSMT-AS
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2015-2016

Agricultural Systems Management
Associate of Science

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
ANMLTEC 2200T	Introduction to Animal Sciences	3
ANMLTEC 2300T	Introduction to Animal Sciences Laboratory	1
ENGLISH 1110.01	First-Year English Composition	3
ENGTECH 1201.03T	Exploring Agricultural Systems Management	.5
ENGTECH 2120T	Building Science: Methods and Materials	4
GENSTDS 1201T	College Orientation	.5
MATH 1148	College Algebra	<u>4</u>
		16
<u>1st Year – Spring Semester</u>		
AEDECON 2001	Principles of Food and Resource Economics	3
AGRCOMM 2367 or ENR 2367	Agricultural Issues in Contemporary Society or Communicating Environmental and Natural Resources Information	3
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
TECPHYS 1150T	Technical Physics	<u>5</u>
		15
<u>Summer Term</u>		
*ENGTECH 2191.04T	Agricultural Systems Technology Internship	<u>2</u>
		2
<u>2nd Year – Autumn Semester</u>		
AEDECON 2105	Managerial Records and Analysis	3
ENGTECH 2240T	Welding Technology	3
CRPSOIL 2228T	Manure Management	3
RURLSOC 1500	Introduction to Rural Sociology	3
AGRCOMM 3130 or TECH ELECTIVE	Oral Expression In Agriculture or From approved list	3
ART and HUMANITIES	From approved list	<u>3</u>
		18
<u>2nd Year – Spring Semester</u>		
ENGTECH 2040T	Soil and Water Conservation Systems	4
BUSTEC 2241T or ANMLTEC 3800T	Small Business Management <u>or</u> Principles of Farm Business Management	3-4
AGRCOMM 3130 or TECH ELECTIVE	Oral Expression In Agriculture or From approved list	3
ART and HUMANITIES	From approved list	<u>3</u>
		13-14
	Total Credits	64-65

*A grade of C or better required to meet graduation requirements.

AGSYSMT-AS
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2015-2016

Agricultural Systems Management
Associate of Science

Technical Electives – minimum: 3 credits required

<u>Course</u>	<u>Title</u>	<u>Credits</u>
BIOTECH 2218T	General and Applied Entomology	3
BUSTEC 2244T	Human Resource Management and Leadership	3
BUSTEC 2249T	Fundamentals of Business Finance	3
CRPSOIL 2412T	Forage Crops	3
ENGTECH 2011T	Small Engine Basics	4
ENGTECH 2121T	Drafting and Computer-Aided Design	2

Arts and Humanities elective options – 6 credits required (at least 2 courses):

HISTORY 1152	American Civilization since 1877	3
COMSTD 2301	Introduction to World Literature *	3
MUSIC 2250	Music Cultures of the World *	3
RELSTDS 2370	Introduction to Comparative Religion *	3

* Also fulfills a global issues requirement.



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Department of Food, Agricultural and Biological Engineering

590 Woody Hayes Drive
Columbus, OH 43210-1057

Phone : 614-292-0419

FAX : 614-292-9448

e-mail : kaletunc.1@osu.edu

September 30, 2015

RE: Ohio State ATI Roadmap Articulation

To Whom It May Concern:

I have reviewed the articulation documents for progression from an Associate of Science degree studying Agricultural Systems Management at Ohio State ATI to a Bachelor's degree in Agriculture majoring in Agricultural Systems Management. The proposal has also been discussed by the Food, Agricultural, and Biological Engineering Department and was approved that it provides a good curricular transition for Ohio State ATI students planning to major in Agricultural Systems Management on the Columbus campus.

Sincerely,

Gönül Kaletunç, Ph.D.
Professor
Food Engineer
Academic Affairs Chair

You replied to this message on 11/6/2015 1:04 PM.

From: Kaletunc, Gonul
To: Osborne, Jeanne
Cc: Kaletunc, Gonul
Subject: Re: Roadmap articulation with ATI

Sent: Fri 11/6/2015 11:52 AM

Jeanne,

We support the revised ASM-AS degree program. You can use the original letter I sent you.



Gonul Z. Kaletunc
Professor of Food Engineering
Academic Affairs Committee Chair
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