OSU Contact: Lee Cole
754-2661

Clackamas CC 1989
CCC Contact: Elizabeth Howley

APPENDIX B

A LIST OF SUGGESTED COURSES

FOR CLACKAMAS COMMUNITY COLLEGE VOCATIONAL-TECHNICAL CREDIT

The following list identifies the courses in technical agricultural areas from which a General Agriculture major may select courses for transfer. These options closely parallel the broad based lower division technical course work required of freshman and sophomore students in General Agriculture at Oregon State University. However, it should be recognized that some potential transfer students may choose to specialize in one concentration at the community college level. Students obtaining credit for agricultural industry experience are encouraged to take course work which will broaden their knowledge and experience.

A maximum of 45 hours of community college vocational-technical (two-digit numbered) credit may be transferred to OSU. This credit will be transferred without assignment of grade, and will be awarded only upon completion of the General Agriculture baccalaureate degree program by the student.

Students may select credits from the following areas and courses:

Ornamental Horticulture		Credits
OH 10	Basic Pruning	1
OH 11	Native Plant Identification	1
OH 12	Plant Propagation I	3
OH 13	Equipment Operation and Maintenance	3
OH 15	Plant Propagation Theory	3
OH 16	Tree and Shrub Pruning I	3
OH 17	Pesticide Selection & Use	3
OH 18	Weed and Plant Pest Identification	3
OH 19	Horticultural Computer Records	3
OH 20	Soils and Fertilizers	3
OH 21	Ornamental Horticulture Practicum I	6

OH 22	Ornamental Horticulture Practicum II	6
OH 23	Ornamental Horticulture Practicum III	6
OH 24	Irrigation and Drainage Design	3
OH 25	Plant Cultural Practices	4
OH 26	Greenhouse Potted Plants	3
OH 27	Greenhouse Crops--Bedding Plants	3
OH 28	Turf Installation and Maintenance	3
OH 29	Commercial Floral Design I	3
OH 30	Irrigation & Drainage Practices	3
OH 31	Nursery Management	3
OH 32	Commercial Floral Design II	3
OH 33	Basic Landscape Design	3
OH 34	Plant Propagation II	3
OH 35	Plant Propagation III	3
OH 37	Landscape Installation	3
OH 38	Tree and Shrub Pruning II	3
OH 43	Intermediate Landscape Design	3
OH 44	Advanced Landscape Design	3
OH 45	Plant Materials I	3
OH 46	Plant Materials II	3
OH 47	Plant Materials III	3
OH 48	Landscape Maintenance	3
OH 49	Environmental Landscape Design	

(Or other vocational-technical education courses as specified by the General Agriculture program advisor, Oregon State University).

Note

OSU General Agricultural requirements for the B.S. degree specify a minimum of 36 hours of technical agriculture. The College of Agricultural Sciences requires that a minimum of 24 of those hours be upper division (300, 400, or 500 level). CCC transfers thus could expect to take a minimum of 24 hours of upper division agriculture at OSU.

APPENDIX C

GENERAL EDUCATION REQUIREMENTS
OREGON STATE UNIVERSITY--GENERAL AGRICULTURE
AND COURSES OFFERED AT
CLACKAMAS COMMUNITY COLLEGE WHICH SATISFY THE OSU REQUIREMENTS

Listed below are the General Education requirements of the OSU General Agriculture program (required number of hours in parenthesis). Below each OSU requirement are listed examples of CCC courses which will fulfill that requirement. Assuming transfer of the maximum 45 hours of vocational-technical course work (Appendix B), up to 63 hours of college transfer work listed below may be transferred, totaling 108 hours maximum. If less than 45 vocational-technical hours are transferred, additional college transfer credit may be used, totaling 108 hours maximum. For all lower division collegiate courses accepted in transfer, hours attempted and points earned are used in calculating cumulative grade point average. (OSU Academic Regulation 2a.)

I. SCIENCE: Total hours required by General Agriculture, OSU (27-46)

A. Chemistry - any 3 term sequence (OSU) (15)

CCC Courses:

Ch	104,105,106	General Chemistry	5 hrs each
Ch	204,205,206	General Chemistry	5 hrs each

B. Life Science - Any 3 term sequence (12)

CCC Courses:

Bi	101,102,103	General Biology	4 hrs each
Bot	201,202,203	Botany	4 hrs each
Z	201,202,203	General Zoology	4 hrs each

C. Mathematics - Through College Algebra (4)

CCC Course:

Math 101, College Algebra	4 hrs

D. Physical Science - Any 3 physical science course (need not be a sequence). (9-12)

CCC Courses:

Mth 102,103,106,200,201,202,203,233	Variable
G 201,203,204,205,206,241	Variable
PH 201,202,203,207,208,209	4 hrs each

II. SOCIAL SCIENCE: Total hours required by General Agriculture, OSU (12)

A. Speech 113 (3)

B. Electives - Any Social Science

CCC Courses:

Psy	201,202, etc.	Psychology	3 hrs ea
Soc	204,205,206	General Sociology	3 hrs ea
PS	200,202,203,205,207	Political Science	4 hrs ea
*Ec	201,202,203	Principles of Economics	3 hrs ea
Anth	101,102,103,207,208,209	Anthropology	3 hrs ea
Geo	200,201,203	Geography	3 hrs ea
SSC	101,102,103	Social Science	3 hrs ea
CJA	211,213,219	Intro to Criminal Justice	3 hrs ea

*Recommended elective area.

III. HUMANITIES AND/OR ARTS: Total hours required by General Agriculture, OSU (12)

A. Speech 111 and 112 3 hrs ea

B. Electives - Any Humanities and/or Arts

CCC Courses:

*J	216,217,218	Journalism	Variable
Phil	201,202,203,204,206,210	Philosophy	3 hrs ea
Art	110 and above	Art	Variable
Hst	101,102,103,201,202,203,212	History	3 hrs ea
Eng	201,210,253,360,275	Literature above first year level	Variable
Mus	101 and above	Music	Variable

*Recommended elective area

IV. COMMUNICATIONS: Total hours required by General Agriculture, OSU (9)

A. English Composition - WR 121,222, and 327 (6)

CCC Courses:

Wr 121,122, English Composition 3 hrs

B. Technical Report Writing - Wr 327 (3)

CCC Course:

Wr 227 Technical Report Writing 3 hrs

V. PHYSICAL EDUCATION: Total hours required by General Agriculture, OSU (3)

A. P.E. Activity Courses - 3 <u>separate</u> terms in activity courses (3)

CCC Courses:

PE 180,185,190 Physical Education 1 hr ea term

APPENDIX D

ADVISING SHEET FOR COMMUNITY COLLEGE ADVISORS

Following are the advising sheets for the two tracks in the General Agriculture program. The General Agriculture advising sheet (red colored sheet) is the one we have been working with for several years and the one your students have been on when they have transferred to General Agriculture in the past. The Leadership and Communication Track (buff colored sheet) is a new track designed for those students who are interested in 1) the Agricultural Education graduate program, 2) 4-H Extension Youth Director, 3) Industry training positions in agriculture, and 4) public liaison or legislative lobbyist for agriculture.

If you have questions regarding these advising sheets, please feel free to call me (Lee Cole at 754-2661). The advising sheets are provided to help you show students how your program will fit into the General Agriculture requirements. Thank you for your assistance.

Special Note:

We have just cleared approval for a new program option in General Agriculture. By taking the appropriate undergraduate prerequisites as part of the undergraduate electives in General Agriculture, a student can qualify to do an MBA (Master of Business Administration) in the College of Business after completing their four year General Agriculture program. If you have students interested in this option, be sure you have them mention it to me when they transfer.

This program, referred to as the MBA 4 + 1 program, requires more math, economics and business courses. Some courses which students could take at the

community college which are part of the undergraduate prerequisites of the MBA 4 + 1 include the following:

1) Ag 251 -- Computers in Agriculture
2) Mth 162 & 163 or Mth 200 & 210 -- Probability and Elementary Calculus
3) St 311 & 312 -- Statistics (you may have 200 numbers)
4) BA 211 & 212 -- Accounting
5) Ec 213 & 214 -- Economics

Call me if you have questions (Lee Cole, 754-2661).

Career Objective: _____

(1989 Entering Students)

GENERAL AGRICULTURE CURRICULUM

(Leadership & Communication Track)

Name: _____ Date Entered OSU: _____

Oregon State University Corvallis, OR 97331

( ) 192 hours total ( ) 60 hours upper division ( ) 36 hours science or 45 hours combined sci. & soc. sci.

FOUR YEAR PROGRAM OF STUDIES

For Students Graduating Spring Term 1992

Required Courses

Hours	Area												
78	AGRICULTURE	( )	Ag/AEd 199 - 1	___	___	( )	AREC - 221-4	___	___	( )	Sls 210 - 5	___	___
	(Required-	( )	Ag 411 - 3	___	___	( )	AREC - 311-5	___	___	( )	CrS 201 - 3	___	___
	24 hrs.	( )	Ag 407S - 1	___	___	( )	AEt 211 - 3	___	___	( )	CrS 202 - 1	___	___
	must be	( )	HORT 120 - 2	___	___	( )	AEt 221 - 3	___	___	( )	VM 441(G)-4	___	___
	upper div.)	( )	HORT 311 - 4	___	___	( )	AEt 312 - 3	___	___	( )	AnS 311 - 3	___	___
		( )	_____	___	___	( )	Ag 325 - 3	___	___	( )	AnS 231 - 2	___	___
		( )	_____	___	___	( )	_____	___	___	( )	Ag 251 - 3	___	___
		( )	_____	___	___	( )	_____	___	___	( )	BA 217 - 4	___	___
		( )	_____	___	___	( )	_____	___	___	( )	_____	___	___
		( )	_____	___	___	( )	_____	___	___	( )	_____	___	___
	FREE	( )	**AREC 411 - 4	___	___	( )	_____	___	___	( )	_____	___	___
	ELECTIVES	( )	**AREC 431 - 4	___	___	( )	_____	___	___	( )	_____	___	___
		( )	**AREC 462 - 3	___	___	( )	_____	___	___	( )	_____	___	___
		( )	**CrS 420 - 3	___	___	( )	_____	___	___	( )	_____	___	___
		( )	**SlS 490 - 2	___	___	( )	_____	___	___	( )	_____	___	___
		( )	_____	___	___	( )	_____	___	___	( )	_____	___	___
		( )	_____	___	___	( )	_____	___	___	( )	_____	___	___
34	SCIENCE	( )	Ch 104 - 5	___	___	( )	GS 101 - 4	___	___	( )	9 hrs of Physical Science		
min.		( )	Ch 105 - 5	___	___	( )	GS 102 - 4	___	___	( )	_____	___	___
		( )	Ch 106 - 5	___	___	( )	GS 103 - 4	___	___	( )	_____	___	___
		( )	Mth 101- 4	___	___	( )	_____	___	___	( )	_____	___	___
		( )	_____	___	___	( )	_____	___	___	( )	_____	___	___
12	SOCIAL	( )	Sp 113 - 3	___	___	( )	Econ 213 - 4	___	___	( )	_____	___	___
min.	SCIENCE	( )	Sp 231 - 3	___	___	( )	Anth 475 - 3	___	___	( )	_____	___	___
12	HUMANITIES	( )	**J 111 - 3	___	___	( )	SP 112 - 3	___	___	( )	_____	___	___
min.	AND/OR ARTS	( )	**J 334 - 4	___	___	( )	_____	___	___	( )	_____	___	___
9	COMMUNICATIONS	( )	Wr 121 - 3	___	___	( )	Wr 214 - 3	___	___	( )	Wr 327 - 3	___	___
min.		( )	**Wr 230 - 4	___	___	( )	or Wr 222 - 3	___	___	( )	_____	___	___
3	PHYSICAL ED	3 separate terms of PE Activity courses											
min.		( ) ( ) ( ) _____											

**Recommended electives.

Graduation requirements:

1. Pass English Diagnostic Exam or take Wr 230 with grade "D" or better.
2. Grade in Wr 121 must be "C" or better.
3. 2.00 GPA at OSU, on last 45 hours and on 2 of the last three terms at OSU.
4. Last 45 hours must be at OSU or petition to accept transfer.

Program entrance requirements for 5th year Agricultural Education program:

1. Baccalaureate degree with appropriate competency in technical agriculture for all teaching areas.
2. Pass NTE exam in technical agriculture.
3. Pass CBEST for basic education skill.
4. 3.00 GPA on last 90 graded quarter credits (60 semester credits).
5. Personal interview to determine, a) good moral character, and b) successful experience with children and youth.

Certification requirements:

1. 4000 hours of work experience in agriculture/agribusiness (this is a certification requirement, not an entrance requirement).
2. Civil Rights course completed.
3. First Aid Card (copy in file).

ELECTIVES

AGRICULTURE: Agricultural Electives May Be Selected From the Following Departments:

Agricultural Education	Rangeland Resources	Fish & Wildlife
Agricultural Engineering Tech.	General Agriculture	Soils
Ag & Resource Economics	Poultry	Agricultural Engineering
Animal Science	Crop Science	Veterinary Medicine
Horticulture	Food Science Technology	

SCIENCE: Physical Science Electives May Be Selected From the Following:

Math beyond that required	Physics
Chemistry beyond that required	Statistics
Geology	Atmospheric Science
Computer Science	Geography (Ggs prefix)
Oceanography	

SOCIAL SCIENCE:

Anthropology	Geography (Geog prefix)
Economics	Psychology
Political Science	Sociology
Speech (selected courses only)	

HUMANITIES AND/OR ARTS:

Philosophy	Religious Studies
Music	Art
English (Eng prefix)	Foreign Languages (200 numbers and higher)
History	Speech (selected courses only)
Journalism	

COMMUNICATIONS:

Speech	Journalism	Writing
