

<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>						
Course No.	110	121	221	241	253	282
Course Title	Orientation in Horticulture	Home Horticulture	Principles of Horticulture	Woody Landscape Plants	Tropical Plants and Interiorscapes	Educating Youth Through Horticulture
Instructor	Osborn	Dilley	Nonnecke	Graves	Gladon	Haynes
<b>I. Technical knowledge</b>						
A. Understand knowledge of Hort.	2	2	2	1	2	1
B. Basic understanding of principles	0	2	2	1	2	1
C. Basic technical principles	0	1	2	0	2	1
D. Strategies for production	0	1	2	0	1	1
E. Recognize biotic and abiotic stress	0	1	1	1	2	1
F. Understanding of formulation of substrates	0	1	1	0	2	0
G. Plant ID	0	1	1	2	2	0
<b>II. Professional Skills</b>						
<b>Communications</b>						
A. Present oral report	2	0	1	2	2	2
B. Answer oral report	2	1	1	1	2	1
C. Write a concise report	2	0	2	2	2	1
D. Ability to debate issues	2	0	1	1	1.5	0
<b>Leadership</b>						
E. Motivate and organize in problem solving	1	0	1	0	1.5	2
F. Work as a team	2	0	1	1	2	2
G. Possess high standards of achievement	1	0	1	2	2	2
<b>Computer</b>						
H. Word processing	2	0	2	1	2	2
I. Use of computer for organization and interpretation	2	0	2	0	2	1
J. Electronic Communications	2	0	1	1	1	1
<b>Problem Solving</b>						
K. Define problem and propose solution	2	1	1	0	1.5	2
L. Analyze and interpret data	1	0	2	0	1	0
M. Familiar with Continuing Ed	0	1	1	1	1	0
<b>General professional - graduates will</b>						
N. Have a holistic perspective of the ecosystem	0	1	0	1	1	1
O. Understand basic business concepts	0	0	0	0	2	0
P. Use of libraries and other sources	1	1	2	2	1	1
Q. Ability to perform mathematical calculations	0	0	1	0	2	0
R. Understand terminology of field	1	2	1	2	2	1
S. Interpret laws and regulations	0	0	1	0	2	0
T. Resume and Interview Preparation	2	0	0	0	0.5	0
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Course Title	Orientation in Horticulture	Home Horticulture	Principles of Horticulture	Woody Landscape Plants	Tropical Plants and Interiorscapes	Educating Youth Through Horticulture
Instructor	Osborn	Dilley	Nonnecke	Graves	Gladon	Haynes
<b>III. Perspective - Graduates will:</b>						
A. Possess awareness of rural and urban influences of horticulture	1	1	0	2	1	1
B. Know basic elements of metric system	0	0	1	0	0.5	0
C. Possess familiarity with horticultural practices in other regions of the world	0	1	1	1	1	0

<b>IV. Ethics/Values - Grads will:</b>						
A. Recognize moral, ethical, and legal conflicts	1	1	1	1	1	0
B. Have tolerance	0	1	1	1	1	0
<b>V. Diversity</b>						
A. Appreciates cultural diversity	1	1	0	1	2	1
B. Tolerance for different beliefs	1	1	0	0	2	1
C. Application of fundamental concepts of economics and human interaction	0	0	0	0	2	1

<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>						
283	320	320	Course No.	321	322	330
Pesticide Application Certification	Plant Nutrition	Plant Nutrition	Course Title	Horticulture Physiology	Plant Propagation	Herbaceous Ornamental Plants
Minner	Chaplin	Taber	Instructor	Hannapel	Stephens	Haynes
<b>I. Technical knowledge</b>						
1	1	0	A. Understand knowledge of Hort.	1	1	1
1	2	2	B. Basic understanding of principles	2	1	2
2	2	2	C. Basic technical principles	2	2	2
2	2	1	D. Strategies for production	1	2	2
2	2	2	E. Recognize biotic and abiotic stress	1	1	2
2	2	0	F. Understanding of formulation of substrodes	0	1	1
1	0	0	G. Plant ID	0	0	2
<b>II. Professional Skills</b>						
<b>Communications</b>						
0	0	0	A. Present oral report	0	0	1
1	2	0	B. Answer oral report	0	0	1
0	0	2	C. Write a concise report	1	0	1
1	2	1	D. Ability to debate issues	0	0	0
<b>Leadership</b>						
0	0	1	E. Motivate and organize in problem solving	0	0	1
1	0	2	F. Work as a team	0	1	1
1	2	1	G. Possess high standards of achievement	1	1	2
<b>Computer</b>						
0	2	2	H. Word processing	0	0	2
0	2	2	I. Use of computer for organization and interpretation	0	1	1
0	2	0	J. Electronic Communications	1	1	1
<b>Problem Solving</b>						
1	2	2	K. Define problem and propose solution	0	0	1
1	2	2	L. Analyze and interpret data	0	1	0
2	1	0	M. Familiar with Continuing Ed	0	0	1
<b>General professional - graduates will</b>						
2	2	0	N. Have a holistic perspective of the ecosystem	0	0	1
1	0	0	O. Understand basic business concepts	0	0	0
0	2	1	P. Use of libraries and other sources	1	1	1
1	2	2	Q. Ability to perform mathematical calculations	0	1	0
1	2	2	R. Understand terminology of field	2	2	1
2	2	0	S. Interpret laws and regulations	0	1	0
1	0	0	T. Resume and Interview Preparation	0	0	0
<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>						
283	320	320	Course No.	321	322	330
Pesticide Application Certification	Plant Nutrition	Plant Nutrition	Course Title	Horticulture Physiology	Plant Propagation	Herbaceous Ornamental Plants
Minner	Chaplin	Taber	Instructor	Hannapel	Stephens	Haynes
<b>III. Perspective - Graduates will:</b>						
2	0	1	A. Possess awareness of rural and urban influences of horticulture	0	0	1
0	0	2	B. Know basic elements of metric system	0	1	0
1	0	0	C. Possess familiarity with horticultural practices in other regions of the world	0	0	1

			<b>IV. Ethics/Values - Grads will:</b>			
2	1	0	A. Recognize moral, ethical, and legal conflicts	1	0	0
2	2	1	B. Have tolerance	0	1	1
			<b>V. Diversity</b>			
1	0	0	A. Appreciates cultural diversity	0	0	0
1	2	0	B. Tolerance for different beliefs	0	0	1
1	0	0	C. Application of fundamental concepts of economics and human interaction	0	0	0

332	338	341	342	344	351	Key: 0= Not At All 1= Somewh
Greenhouse and Controlled Environments	Seed Science and Technology	Woody Plant Cultivars: Shade Trees	Landscape Plant Establishment and Maintenance	Landscape Horticulture	Turfgrass Establishment and Management	Course No.
Gladon		Iles	Iles	Magnuson	Christians	Course Title
						Instructor
						<b>I. Technical knowledge</b>
2	2	0	1	1	2	A. Understand knowledge of Hort.
2	2	1	2	0	2	B. Basic understanding of principles
2	2	1	1	0	2	C. Basic technical principles
2	0	1	1	0	2	D. Strategies for production
2	2	1	2	0	2	E. Recognize biotic and abiotic stress
2	1	0	1	0	2	F. Understanding of formulation of substrates
1	0	2	2	0	2	G. Plant ID
						<b>II. Professional Skills</b>
						<b>Communications</b>
0	2	0	1	2	1	A. Present oral report
0	2	0	1	2	1	B. Answer oral report
2	1	1	1	2	1	C. Write a concise report
2	2	1	1	2	1	D. Ability to debate issues
						<b>Leadership</b>
2	2	0	1	2	1	E. Motivate and organize in problem solving
2	2	0	2	2	1	F. Work as a team
2	2	1	1	2	2	G. Possess high standards of achievement
						<b>Computer</b>
2	2	0	1	1	1	H. Word processing
2	1	0	0	1	0	I. Use of computer for organization and interpretation
2	2	0	0	0	1	J. Electronic Communications
						<b>Problem Solving</b>
2	1	1	2	2	2	K. Define problem and propose solution
1	1	0	0	0	2	L. Analyze and interpret data
1	0	1	1	1	2	M. Familiar with Continuing Ed
						<b>General professional - graduates will</b>
2	1	1	2	1	2	N. Have a holistic perspective of the ecosystem
2	0	0	0	0	1	O. Understand basic business concepts
2	1	1	1	1	2	P. Use of libraries and other sources
2	1	0	1	0	2	Q. Ability to perform mathematical calculations
2	2	2	2	2	2	R. Understand terminology of field
1.5	1	1	1	0	2	S. Interpret laws and regulations
0.5	0	0	0	0	2	T. Resume and Interview Preparation
						<b>Key: 0= Not At All 1= Somewh</b>
332	338	341	342	344	351	Course No.
Greenhouse and Controlled Environments	Seed Science and Technology	Woody Plant Cultivars: Shade Trees	Landscape Plant Establishment and Maintenance	Landscape Horticulture	Turfgrass Establishment and Management	Course Title
Gladon		Graves	Iles	Magnuson	Christians	Instructor
						<b>III. Perspective - Graduates will:</b>
2	1	1	1	0	2	A. Possess awareness of rural and urban influences of horticulture
2	1	0	1	0	2	B. Know basic elements of metric system
1.5	1	0	0	0	2	C. Possess familiarity with horticultural practices in other regions of the world

						<b>IV. Ethics/Values - Grads will:</b>
1	1	1	1	2	1	A. Recognize moral, ethical, and legal conflicts
2	1	1	1	1	2	B. Have tolerance
						<b>V. Diversity</b>
2	0	0	0	2	1	A. Appreciates cultural diversity
1.5	1	1	1	2	1	B. Tolerance for different beliefs
2	1	0	0	1	1	C. Application of fundamental concepts of economics and human interaction

at 2= Quite A Bit							
351 L	391	391	422	423	424	434	435
Turfgrass Establishment and Management Lab	Horticulture Management Experience	Horticulture Management Experience	Postharvest Technology	Plant Tissue, Cell, and Protoplast	Sustainable and Environmental Horticulture Systems	Greenhouse Crop Production I	Greenhouse Crop Production II
Christians	Christians	Minner	Gladon	Stephens	Nonnecke	Gladon	Gladon
2	2	2	2	1	2	2	2
2	2	2	2	1	1	2	2
2	2	2	1	2	1	2	2
2	2	2	2	0	1	2	2
2	2	2	2	1	1	2	2
2	2	2	1	0	1	2	2
2	2	2	.5	0	0	2	2
2	2	2	1	1	2	1	1
2	2		0.5	1	2	1	1
2	2	2	2	1	1	2	2
2	2	2	2	1	2	2	2
1	2	1	2	1	2	2	2
2	2	2	2	1	2	2	2
2	2	2	2	1	1	1.5	1.5
2	2	2	2	0	2	2	2
2	2	2	2	0	2	1.5	1.5
2	2	2	1	0	2	1.5	1.5
2	2	2	2	2	2	1.5	1.5
2	2	1	1	1	1	1	1
2	2	2	1.5	0	1	2	2
2	2	1	2	0	2	1.5	1.5
2	2	2	0.5	0	0	2	2
2	2	1	2	1	1	2	2
2	2	2	2	2	1	2	2
2	2	2	2	2	2	2	2
2	2	1	1	1	2	2	2
2	2	2	0.5	0	0	0.5	0.5
at 2= Quite A Bit							
351 L	391	391	422	423	424	434	435
Turfgrass Establishment and Management Lab	Horticulture Management Experience	Horticulture Management Experience	Postharvest Technology	Plant Tissue, Cell, and Protoplast	Sustainable and Environmental Horticulture Systems	Greenhouse Crop Production I	Greenhouse Crop Production II
Christians	Christians	Minner	Gladon	Stephens	Nonnecke	Gladon	Gladon
2	2	2	1	0	2	1.5	1.5
2	2	0	2	2	1	2	2
2	2	1	2	0	1	2	2

1	2		1	0	2	1.5	1.5
1	2	2	1	0	2	2	2
1	2	1	1	0	1	2	2
1	2	2	2	0	1	2	2
1	2	2	2	0	1	2	2

<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>						
442	Course No.	444	445	451	452	453
Nursery Crop Production and Management	Course Title	Landscape Production	Public Horticulture Management and Administration	Professional Turfgrass Management	Integrated Management of Diseases and Insect Pests of Turfgrasses	Sports Turf Management
Arora	Instructor	Magnuson	Chaplin	Christians		Minner
<b>I. Technical knowledge</b>						
1	A. Understand knowledge of Hort.		0	2		1
2	B. Basic understanding of principles		0	2		1
2	C. Basic technical principles		0	2		1
2	D. Strategies for production		0	2		1
1	E. Recognize biotic and abiotic stress		0	2		1
1.5	F. Understanding of formulation of substrates		0	2		2
1	G. Plant ID		0	2		1
<b>II. Professional Skills</b>						
<b>Communications</b>						
1	A. Present oral report		2	1		0
0	B. Answer oral report		2	2		1
1	C. Write a concise report		2	2		0
1	D. Ability to debate issues		2	1		1
<b>Leadership</b>						
2	E. Motivate and organize in problem solving		2	2		1
2	F. Work as a team		2	1		1
2	G. Possess high standards of achievement		2	2		1
<b>Computer</b>						
1	H. Word processing		2	2		0
0	I. Use of computer for organization and interpretation		2	1		0
0.5	J. Electronic Communications		2	2		0
<b>Problem Solving</b>						
0	K. Define problem and propose solution		2	2		1
1	L. Analyze and interpret data		2	2		0
1	M. Familiar with Continuing Ed		2	2		1
<b>General professional - graduates will</b>						
1	N. Have a holistic perspective of the ecosystem		1	2		1
1	O. Understand basic business concepts		2	2		2
1.5	P. Use of libraries and other sources		2	2		0
1	Q. Ability to perform mathematical calculations		1	2		1
2	R. Understand terminology of field		0	2		2
1	S. Interpret laws and regulations		0	2		1
0	T. Resume and Interview Preparation		2	2		1
<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>						
442	Course No.	444	445	451	452	453
Nursery Crop Production	Course Title	Landscape Production	Public Horticulture Management and Administration	Professional Turfgrass Management	Integrated Management of Diseases and Insect Pests of Turfgrasses	Sports Turf Management
Arora	Instructor	Magnuson	Chaplin	Christians		Minner
<b>III. Perspective - Graduates will:</b>						
1	A. Possess awareness of rural and urban influences of horticulture		2	2		2
1	B. Know basic elements of metric system		0	2		0
0	C. Possess familiarity with horticultural practices in other regions of the world		0	2		2

	<b>IV. Ethics/Values - Grads will:</b>					
0	A. Recognize moral, ethical, and legal conflicts		2	1		2
1	B. Have tolerance		2	1		2
	<b>V. Diversity</b>					
1	A. Appreciates cultural diversity		2	1		1
1	B. Tolerance for different beliefs		2	1		1
1	C. Application of fundamental concepts of economics and human interaction		2	1		2

					<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>		
461	471	475	490	496	Course No.	551	
Fruit and Nut Crop Production	Vegetable Crop Production	Community Tree Management	Independent Study	Horticulture Travel Course	Course Title	Growth and Development of Perennial Grasses	Averages For All Courses
		J. Thompson	Christians	Christians/Graves/Haynes/Nonnecke	Instructor	Fei	
					<b>I. Technical knowledge</b>		
2		1	2	1	A. Understand knowledge of Hort.	1	1.40
2		2	2	1	B. Basic understanding of principles	1	1.54
2		1	2	1.5	C. Basic technical principles	1	1.50
2		0	2	1	D. Strategies for production	1	1.29
2		2	2	0.5	E. Recognize biotic and abiotic stress	2	1.47
2		1	2	0.5	F. Understanding of formulation of substrodes	0	1.11
2		2	2	1.5	G. Plant ID	1	1.09
					<b>II. Professional Skills</b>		
					<b>Communications</b>		
2		2	1	1.5	A. Present oral report	0	1.10
2		2	2	0.75	B. Answer oral report	0	1.11
2		2	2	1.5	C. Write a concise report	1	1.39
2			2	0.75	D. Ability to debate issues	0	1.19
					<b>Leadership</b>		
2		1	2	1	E. Motivate and organize in problem solving	0	1.14
2		2	1	1.5	F. Work as a team	0	1.41
2		2	2	1.5	G. Possess high standards of achievement	1	1.47
					<b>Computer</b>		
2		1	2	1.5	H. Word processing	0	1.36
2		1	2	0.75	I. Use of computer for organization and interpretation	0	1.02
2		1	2	1	J. Electronic Communications	1	1.04
					<b>Problem Solving</b>		
2		1	2	1.5	K. Define problem and propose solution	0	1.30
2		2	2	0.5	L. Analyze and interpret data	1	1.04
1		1	2	0.75	M. Familiar with Continuing Ed	1	1.05
					<b>General professional - graduates will</b>		
2		2	2	1.5	N. Have a holistic perspective of the ecosystem	0	1.13
1		0	2	0.5	O. Understand basic business concepts	0	0.76
2		1	2	1.5	P. Use of libraries and other sources	1	1.33
2		1	2	0.5	Q. Ability to perform mathematical calculations	1	1.19
2		2	2	1.5	R. Understand terminology of field	1	1.76
1		0	2	1.5	S. Interpret laws and regulations	0	0.99
0		1	2	0.5	T. Resume and Interview Preparation	0	0.59
					<b>Key: 0= Not At All 1= Somewhat 2= Quite A Bit</b>		
461	471	475	490	496	Course No.	551	
Fruit and Nut Crop Production	Vegetable Crop Production	Community Tree Management	Independent Study	Horticulture Travel Course	Course Title	Growth and Development of Perennial Grasses	Averages For All Courses
		J. Thompson	Christians	Christians/Graves/Haynes/Nonnecke	Instructor	Fei	
					<b>III. Perspective - Graduates will:</b>		
2		1	1	2	A. Possess awareness of rural and urban influences of horticulture	0	1.11
2		0	2	1.5	B. Know basic elements of metric system	1	0.94
2		0	1	2	C. Possess familiarity with horticultural practices in other regions of the world	0	0.86

					<b>IV. Ethics/Values - Grads will:</b>		
2		1	1	1.5	A. Recognize moral, ethical, and legal conflicts	0	0.93
2		2	1	1.5	B. Have tolerance	1	1.27
					<b>V. Diversity</b>		
0		1	2	2	A. Appreciates cultural diversity	0	0.91
1		2	2	1.5	B. Tolerance for different beliefs	0	1.10
1		1	1	1.5	C. Application of fundamental concepts of economics and human interaction	0	0.90



