

April 18, 2002

Dr. Larry Norris
Fayetteville Technical Community College
Post Office Box 35236
Fayetteville, North Carolina 28303

Dear Dr. Norris,

I am pleased to enclose for you a copy of the proposed transfer agreement between 18 North Carolina community college Horticulture, Turfgrass and Landscape Gardening departments and the B.S. program at N. C. A&T State University in Landscape Horticulture Design.

Also enclosed are several supporting documents, including a copy of the entire curriculum in Landscape Horticulture Design at A&T, and a cover letter from my President, Dr. William C. Aiken.

If you would sign the document (last page) at the appropriate space, make a copy for your records and then return this entire packet to me, I will promptly mail the document to the next President under your name. When all signatures are in place, Dr. Aiken will submit the original document to A&T.

There is currently a move in progress by A&T to initiate a 2+2 agreement with the 18 community colleges whereby A&T will accept the first two years from us, and then provide a web-based course of study in which our students can take 90% of the remaining courses via the Internet for the B.S. degree. The A&T grant could provide 2-3 laptop computers for each participating community college, allowing our students to complete most of the remaining courses online. They would then be required to complete a short summer term on the A&T campus to get the hands-on laboratory experiences, be allowed to practice teach at a secondary school near them, complete the B.S. degree, and then be eligible to teach high school Horticulture or Agriculture Science. This could be a remarkable opportunity for our students.

If you would promptly sign and return this document to me, I will immediately make the mailing to the next President. You will be notified as soon as we have all signatures. Thank you for your assistance in this project.

Sincerely yours,



Jim Darden, Chairman
Horticulture Technology
Sampson Community College
P. O. Box 318
Clinton, N.C. 28329
(910) 592-8081, ext. 6006
jdarden@sampson.cc.nc.us



SAMPSON COMMUNITY COLLEGE

a member institution of the North Carolina Community College System

Established 1967

HIGHWAY 24 WEST
POST OFFICE BOX 318
CLINTON, NORTH CAROLINA 28329

voice 910-592-8081
fax 910-592-8048
email baiken@sampson.cc.nc.us

February 28, 2001

Presidents of Participating College
Member Horticulture Department of NCCCHIA

Gentlemen:

You will no doubt remember that your college, specifically your Horticulture Department, was one of 18 Community Colleges participating in the articulation agreement last fall with North Carolina State University. Jim Darden, Chairman of our Horticulture Technology Department, is the current President of the North Carolina Community College Horticulture Instructor's Association. He represented these 18 Community Colleges for a similar agreement with North Carolina A & T State University in Greensboro.

On January 18 of this year the NCCCHIA held its annual meeting at the Benton Convention Center in Winston-Salem during the NCAN Green & Growing Show. At this meeting representatives from North Carolina A & T presented their offer for receiving transfer courses from community college horticulture departments. A copy of that offer is enclosed for you to review. This offer make it possible for community college students to transfer four courses directly into the four-year program in Landscape Horticulture Design at A & T. This is another excellent breakthrough for our students, and was requested by several schools in the central and western part of the state where commuting to NCSU in Raleigh would be difficult.

Please review the proposal and sign at the appropriate place to include your school in the agreement. Then, if you will promptly return the signed agreement to Jim Darden at our Horticulture Department here at Sampson, he will forward the document to the next President on the list. We will notify you when the agreement is completed. One of our aims at Sampson Community College is to provide an easy transition among higher education delivery systems. I firmly believe that this agreement is an effort to accomplish this purpose for all schools.

Thank you for your interest and assistance with this important endeavor.

Sincerely,

William C. Aiken
President

Memorandum

January 22, 2002

From: Jim Darden, Chairman
Horticulture Technology



To: Dr. William Aiken, President
Ms. Sue Miller, Dean
Mr. Steve Mathis, Associate Dean

Subject: N. C. A&T Articulation Agreement

On Friday, January 18, 2002, I conducted a meeting of the NCCCHIA (North Carolina Community College Horticulture Instructors' Association) in conjunction with the N. C. Nurserymen's Association annual meeting in Winston Salem, N. C. Our association met in the Adam's Mark Hotel, and 14 members were present. An agenda for the meeting is provided for you in this packet. Members present for the meeting included:

Mr. John Holmes—Central Piedmont Community College
Mr. Jeff Webb—Haywood Community College
Mr. Chester Honeycutt—Alamance Community College
Mr. George Herring—Lenoir Community College
Mr. Ron Dollyhite—Wilkes Community College
Ms. Kim Yates—Mayland Community College
Mr. Bob Dockery—Western Piedmont Community College
Ms. Liz Ellis—Central Piedmont Community College
Mr. Darryl Kiser—Catawba Valley Community College
Mr. Scott Crosby—Catawba Valley Community College
Mr. Roger Richardson—Forsyth Community College
Mr. Bill Scott—Lenoir Community College
Dr. Bruce Williams—Brunswick Community College
Mr. Jim Darden—Sampson Community College

Our major item of business was to hear a presentation by Dr. Antoine Alston, of N. C. A&T State University concerning an articulation agreement between 18 community colleges and the university. Dr. Alston did, in fact, make an offer for the transfer of courses from the community colleges Horticulture programs into the N. C. A&T Landscape Horticulture Design program. A copy of that offer is enclosed for you to review, along with copies of the N. C. A&T catalog pages describing their program.

We now must acquire the signatures of Presidents who wish their school to be included in this agreement. I have expanded the signature pages because (1) two presidents were omitted from the A&T list, (2) the signature lines needed more room, and (3) since we will need to mail these, along with copies of the agreement, to the Presidents for their signatures, we needed to spread the signature lines onto more pages.

I respectfully request that Dr. Aiken's office prepare the appropriate documents, similar to those used for the N. C. State University agreement (copies enclosed), to be sent to the 18 presidents for their signatures. Dr. Aiken has the document with an original signature of Dr. Alton Thompson, Dean of the School of Agriculture and Environmental and Allied Sciences, at A&T. Also on this page are spaces for three other Presidents. I did not expand that page since only three signatures are needed there. Also, in order to expedite this process, I gave Mr. Chester Honeycutt, Chairman of Horticulture at Alamance Tech., a copy of that page with an original A&T signature, to take home and present to his President, since he was first on the list. That page will then be sent to the remaining two on that page.

I suggest that we send the other three signature pages to the presidents listed thereon, using the quickest method (currier, U.S. Mail, etc.), and I will notify each corresponding horticulture department that the document is enroute, and ask them to help expedite the procedure. These would need Dr. Aiken's letter for cover.

I hope this is done well and appropriately. Please advise me if I may proceed using the steps outlined above.

2001-2003

Undergraduate Bulletin



NORTH CAROLINA
AGRICULTURAL AND TECHNICAL
STATE UNIVERSITY

GREENSBORO, NORTH CAROLINA

CURRICULUM GUIDE FOR AGRICULTURAL SCIENCE, EARTH AND ENVIRONMENTAL SCIENCE

(Landscape Horticulture Design)

FRESHMAN YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
ENGL 100	3	ENGL 101	3
Social Science Elective ¹	3	Social Science Elective ¹	3
MATH 101	3	MATH 102	3
NARS 110	3	SOCI 100	3
LDAR 170	<u>3</u>	LDAR 171	<u>3</u>
	15		15

SOPHOMORE YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
ENGL Elective	3	GEOG 200	3
BIOL 100	4	ENGL Elective	3
LDAR/HORT 302	3	LDAR/HORT 303	3
HORT 334	3	EASC 201	3
LDAR 270	<u>3</u>	LDAR 230	<u>3</u>
	16	SPCH 250	<u>3</u>
			18

JUNIOR YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
SLSC 338	4	CAAE 204	3
BIOL 240	4	LDAR 371	3
LDAR 370	3	BAUD 422	3
LDAR 550	<u>3</u>	BAUD 425	3
	14	ECON 200	3
		Elective	<u>3</u>
			18

SENIOR YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
BIOL 430	4	BIOL 530	4
HORT 610	3	LDAR 520	2
HORT 612	3	Elective	3
PHED Elective	2	HORT 611	3
Elective	<u>5</u>	HORT 613	<u>3</u>
	17		15

Total Credit Hours: 128

¹ Social Science Elective: Each student is required to complete a three-hour course in African/African American Studies and a three-hour course in Global Studies.

REQUIRED MAJOR COURSES FOR AGRICULTURAL SCIENCE, EARTH AND ENVIRONMENTAL SCIENCE

(Landscape Horticulture Design)

LDAR 170	LDAR 171
LDAR 230	LDAR 270
LDAR 302	LDAR 303
LDAR 370	LDAR 371
LDAR 550	NARS 110
HORT 334	HORT 610
HORT 612	HORT 611
HORT 613	

*A grade of "C" must be made in all of the above requirements.

LANDSCAPE HORTICULTURE DESIGN

HORT-302/LDAR 302. Plant Materials I (Formerly LDAR 202) Credit 3(2-2)
This course is the study of plant materials as used in landscape design. Emphasis is placed on major categories of herbaceous plants and woody plants as they pertain to landscape usage. Identification techniques will be introduced and used. (F)

HORT-303/LDAR 303. Plant Materials II (Formerly LDAR 203) Credit 3(2-2)
The course is a continuation of LDAR 202 with different plant species. (S)

HORT-334. Plant Propagation Credit 3(2-2)
This course is the study of the types, construction, and management of propagation structures; and the fundamental principles of propagation by seed, cuttage, budding, grafting, and layerage. Prerequisite: NARS 110. (F)

HORT-527. Basic Floral Design Credit 3(1-4)
The essentials of flower arrangement and plant decoration for the home, office, hospital, school and church are studied. Special attention given to design principles, such as balance, scale, harmony, color, and line movement. (DEMAND)

Advanced Undergraduate and Graduate

HORT-600. Advanced Plant Propagation Credit 4(1-4)
Advanced principles of plant propagation by plant cell and tissue biotechniques will be studied. (F)

HORT-608. Special Problems in Horticulture Credit 3(3-0)
This course involves work along special lines given largely by the project method for advanced undergraduate and graduate students who have the necessary preparation. Special arrangement with instructor required. (F;S;SS1)

HORT-610. Commercial Greenhouse Management Credit 3(2-2)
The culture of floriculture crops in the greenhouse out-of-doors with emphasis on cut flowers and potted plants will be studied. Special attention is given to seasonal production as it relates to soils, fertilization and environmental factors. (DEMAND)

HORT-611. Commercial Greenhouse Production II Credit 3(2-2)
The culture of floriculture crops in the greenhouse with emphasis on seasonal production, marketing, insect and disease controls and plant growing structures will be studied. Prerequisites: HORT 334, 610. (DEMAND)

HORT-612. Plant Materials and Landscape Maintenance Credit 3(2-2)
This course is the study of the identification, merits, adaptability, and maintenance of shrubs, trees, and vines used in landscape planting trees, shrubs, bulbs, and perennials. (DEMAND)

HORT-613. Plant Materials and Planning Design Credit 3(2-2)
This course is a continuation of HORT 612 with added emphasis on plant combinations and use of plant as design elements. (DEMAND)

DIRECTORY OF FACULTY

Natural Resources and Environmental Design

- Peter Callahan** Assistant Professor
B.S., Springfield College; M.S., Kansas State University
- Mai A. Elobeid** Adjunct Instructor
B.S., University of Khartoum-Sudan M.S., University of Khartoum-Sudan; M.S., N.C. A&T State University
- Peggy Fersner** Adjunct Assistant Professor
B.S., Virginia Polytechnic Institute; M.S., Clemson University (P. E.)
- Godfrey A. Gayle** Professor and Chairperson
B.S., N.C. A&T State University; M.S., Ph.D., N.C. State University
- Marihelen Glass** Professor
B.S., Texas Tech. University; M.S., Ph.D., Texas A&M University
- Perry Howard** Associate Professor
B.L.A., Louisiana State University; M.L.A., Harvard University
- Richard Phillips** Adjunct Associate Professor
B.S., Iowa State University, M.S., N.C. State University (P. E.)
- Charles W. Raczkowski** Adjunct Associate Professor
B.S., M.S.; Kansas State University; Ph.D., N.C. State University
- G. Bhaskar Reddy** Professor
B.S., M.S., A.P.A.U., India; Ph.D., University of Georgia
- M. Raj Reddy** Professor
B.S., Osmania University, M.S., A.P., Agricultural University, India; Ph.D., University of Georgia
- Manuel R. Reyes** Associate Professor
M.S., University of the Philippines at Los Banos; M.Phil., Cranfield Institute of Technology, England; Ph.D., Louisiana State University
- John F. Robinson** Professor
Sr., A.A., Jr. College of Albany, B.L.A., Louisiana State University, M.L.A., Harvard University
- Abolghasem Shahbazi** Associate Professor
B.S., University of Tabriz; M.S., University of California at Davis, Ph.D., Pennsylvania State University (F.E.)
- Vestal Shirley** Laboratory Manager
B.S., Mid Western University; Ph.D., Louisiana State University-Baton Rouge
- Godfrey A. Uzochukwu** Professor
B.S., M.S., Oklahoma State University; Ph.D., University of Nebraska
- Guochen Yang** Adjunct Assistant Professor
B.S., Jilin Agricultural University, M.S., University of Nebraska-Lincoln, and Ph.D., University of Nebraska.

**An Articulation Agreement Between
The Department of Natural Resources and Environmental Design
School of Agriculture and Environmental Sciences
North Carolina Agricultural and Technical State University**

and

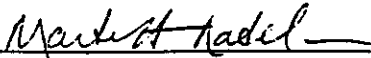
**Horticulture Programs at 18 NC Community Colleges
(Listed Below)**

This articulation agreement between the Department of Natural Resources and Environmental Design, School of Agriculture and Environmental Sciences at North Carolina A&T State University and the Horticulture programs at the NC Community Colleges listed below was developed in recognition of the need to provide educational opportunities for citizens of North Carolina. In addition, this agreement should develop human resources for and in conjunction with the horticulture industries, and to continue to improve working relationships between post-secondary institutions within the state and the transfer of students enrolled in horticulture programs at the community colleges listed below and the baccalaureate-degree program in Agricultural Science, Earth and Environmental Science (Concentration: Landscape Horticulture Design) in the Department of Natural Resources and Environmental Design at North Carolina A&T State University. This agreement only addresses course work in horticulture and does not change the general education requirements for transfer admission to NC A&T State University as set by the Office of Admissions.

This agreement may be revised when mutually acceptable and as necessary pending curricular changes at the respective institutions. The undersigned support the Horticulture Articulation Agreement with North Carolina A&T State University:



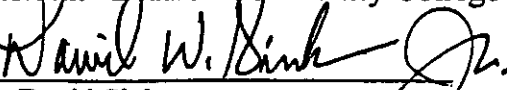
Dr. Alton Thompson
Dean – School of Agriculture and Environmental Sciences
(North Carolina A&T State University)



Dr. Martin Nadelman
President - Alamance Community College



Dr. David McLawhorn
President - Beaufort Community College



Dr. David Sink
President - Blue Ridge Community College

General Program Requirements

The admission of students to the undergraduate degree programs in the Department of Natural Resources and Environmental Design is based upon the general admission requirements of the University.

Departmental Requirements

Majors in Landscape Horticulture must complete the required program of course work. A minimum grade of "C" is expected in all courses and required in all major courses for graduation.

The approved transfer credits in Horticulture and the remaining degree requirements to earn a Bachelor of Science degree in Agricultural Science, Earth and Environmental Science (Concentration: Landscape Horticulture Design) at North Carolina A&T State University are as follows:

The following tables represent a one for one transfer of the identified community college horticulture core courses and the acceptable North Carolina A&T State University equivalent at the undergraduate level. The Undergraduate Program Coordinator in Landscape Horticulture Design at North Carolina A&T State University will evaluate any additional course work taken at the community college, on a case-by-case basis for determination of transfer potential. To receive a BS degree in Agricultural Science, Earth and Environmental Science (Concentration: Landscape Horticulture Design), transfer students must complete more than half of their Horticulture course requirements at North Carolina A&T State University.

Community College Core	NC A&T State 4-year Landscape Horticulture Design Program
HOR 162 (3) - Applied Plant Science	NARS 110 (3) - Natural Resources
HOR 160 (3) - Plant Materials I	LDAR 302/HORT 302 (3) - Plant Materials I
HOR 168 (3) - Plant Propagation	HORT 334 (3)- Plant Propagation
HOR 164 (3) - Hort. Pest Mgt.	BIOL 530 (3) – Plant Pathology

Transferable Courses

NC Community College Courses	NC A&T State University Courses	
ENG 111 - Expository Writing	ENGL 100 – Ideas and Their Expression I	3
ENG 112 - Argument Based Writing	ENGL 101 – Ideas and Their Expression II	3
HIS 121 – Western Civilization I	Social Science Elective (Global Studies)	3
HIS 221 – African American History	Social Science Elective (African American Studies)	3
MAT 161 – College Algebra	MATH 101 – Fundamentals of Algebra and Trigonometry I	3
MAT 162 – College Trigonometry	MATH 102 - Fundamentals of Algebra and Trigonometry II	3
HUM 211 – Humanities I	ENGL Elective	3

GEO 110 – Introduction to Geology	GEOG 200 – Principles of Geography	3
BIO 110 – Principles of Biology	BIOL 100 – Biological Science	4
HUM 212 – Humanities II	ENGL Elective	3
GEL 111 - Introductory Geology	EASC 201 – The Earth-Man’s Environment	3
COM 120 Interpersonal Comm.	SPCH 250 – Speech Fundamentals	3
BIO 120 – Introductory Botany	BIOL 240 – General Botany	4
HEA 110 Personal Health/Wellness	PHED Elective	2
ECO 251 Prin Microeconomics	ECON 200 – Principles of Economics	3
SOC 210 – Introduction to Sociology	SOCI 100 – Principles of Sociology	3

Remaining Course Requirements To Be Taken At NC A&T State University

Course Number	Credit Hours
LDAR 170 – Landscape Architectural Orientation I	3
LDAR 171 - Landscape Architectural Orientation II	3
LDAR/HORT 303 – Plant Materials II	3
LDAR 270 – History of Landscape Architecture I	3
LDAR 230 – Environmental Ecology	3
SLSC 338 - Fundamentals of Soil Science	4
CAAE 204 – Surveying and Site Analysis	3
LDAR 371 – Basic Landscape Design I	3
LDAR 370 – Basic Landscape Design II	3
BUAD 422 - Management Concepts	3
LDAR 550 – Planting Design	3
BUAD 425 – Entrepreneurship	3
Elective	3
BIOL 430 – Plant Taxonomy	4
BIOL 530 - Plant Pathology	4
HORT 610 – Commercial Greenhouse Management	3
LDAR 520 - Seminar in Landscape Architecture	2
HORT 612 – Plant Materials and Landscape Maintenance	3
Elective	3
HORT 611 – Commercial Greenhouse Production II	3
Elective	5
HORT 613 – Plant Materials and Planning Design	3

The Undersigned support the Horticulture Articulation Agreement with North Carolina A & T State University:

Dr. Nathan Hodges, President
Haywood Community College

Dr. Donald L. Reichard, President
Johnston Community College

Ms. Joyce G. Cherry, Acting President
Lenoir Community College

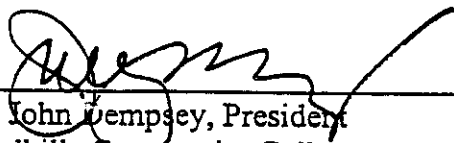
Dr. Tommy Williams, President
Mayland Community College

Dr. Charles E. Russell, President
Pitt Community College

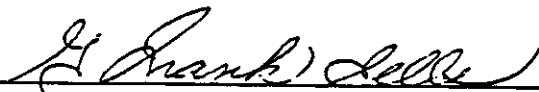
The undersigned support the Horticulture Articulation Agreement with North Carolina A & T State University:



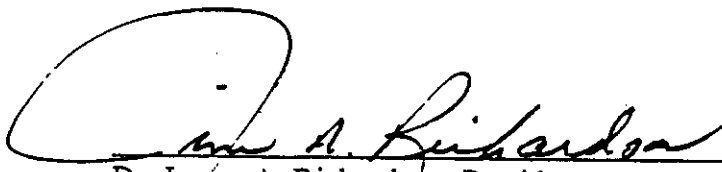
Dr. William C. Aiken, President
Sampson Community College



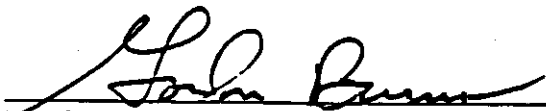
Dr. John Dempsey, President
Sandhills Community College



Dr. G. Frank Sells, President
Surry Community College




Dr. James A. Richardson, President
Western Piedmont Community College

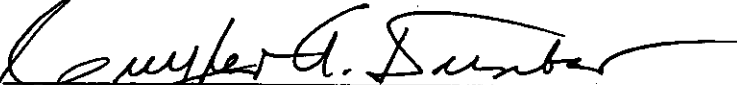


Dr. Gordon Burns, President
Wilkes Community College

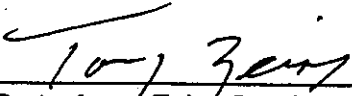
The undersigned support the Horticulture Articulation Agreement with North Carolina A & T State University:



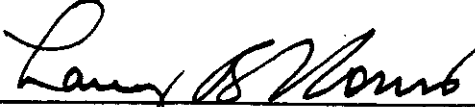
Dr. Michael Reaves, President
Brunswick Community College



Dr. Cuyler A. Dunbar, President
Catawba Valley Community College



Dr. P. Anthony Zeiss, President
Central Piedmont Community College



Dr. Larry Norris, President
Fayetteville Technical Community College

Dr. Gary M. Green, President
Forsyth Community College