

ONLINE ENROLLMENT TRENDS AND WORKFORCE CREDENTIALS INITIATIVES



Tonya Amankwatia, Ph.D.
Assistant Vice Provost, Distance Education and Extended Learning
Presented to Board of Trustees
9/30/2022

A&T ONLINE AND CONTINUING ED: FAST FACTS

ONLINE ENROLLMENT (FALL 2022):
998

Online Enrollment by Degree Type:

BACHELOR'S:	530
MASTER'S:	364
DOCTORAL:	58
GRAD CERTIFICATE:	46

ONLINE DEGREES AWARDED 2021-22

UNDERGRADUATE:	185
GRADUATE:	124

33 APPROVED ONLINE PROGRAMS

10 ONLINE UNDERGRAD DEGREE PROGRAMS

1 ONLINE DOCTORAL DEGREE PROGRAM

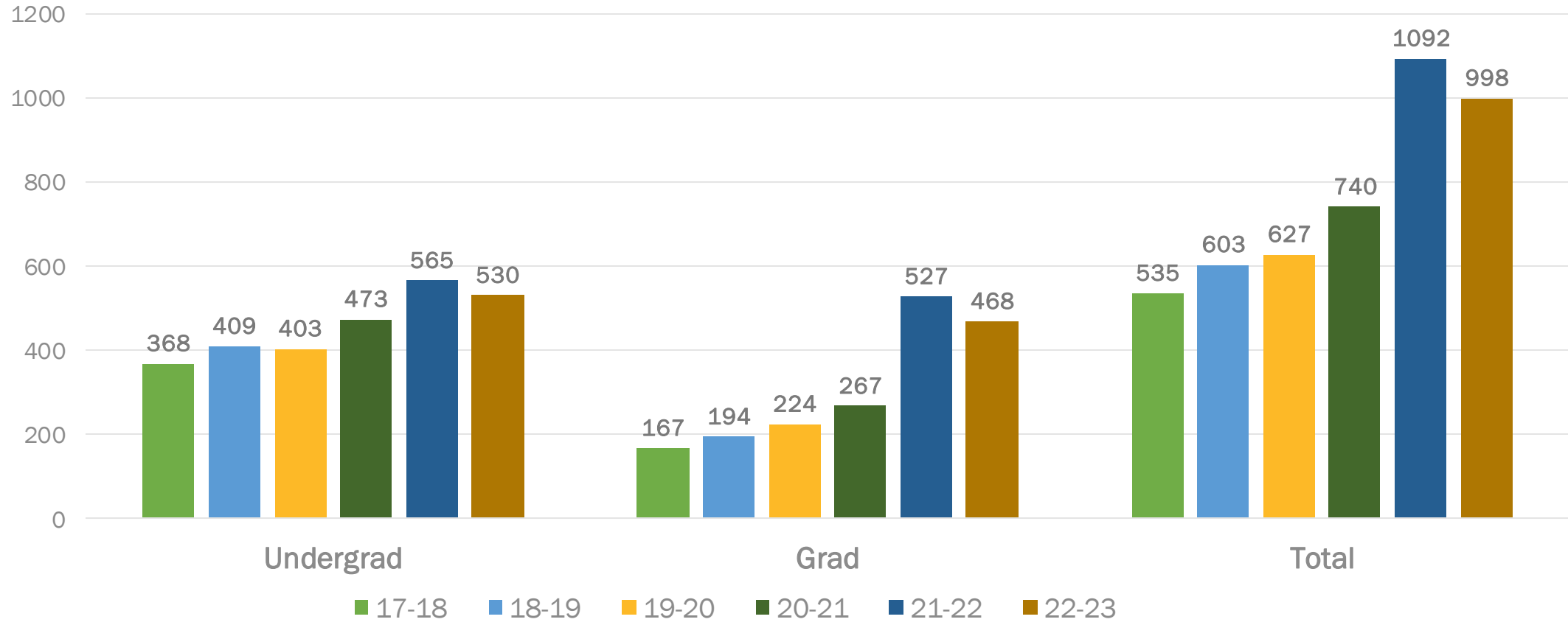
13 ONLINE MASTER'S DEGREE PROGRAMS

9 ONLINE CERTIFICATE PROGRAMS

144 CONTINUING ED CERTIFICATE PROGRAMS OFFERED

422 CE STUDENTS/ATTENDEES (FY 2021-22)

ONLINE GROWTH



ONLINE GROWTH

Graduate Top Programs Fall '22

Teaching (MAT)	155
Masters of Bus Admin (MBA)	101
Leadership Studies Ph.D.	58

Undergraduate Top Programs Fall '22

Liberal Studies B.A.	123
Information Technology B.S.	118
Business Information Technology B.S.	80

DE Corporate Partnerships

GUILD



AT&T

*Data accurate as of 8-29-22

NEW ONLINE PROGRAMS

Approved Fall 2021

- B.S. in Criminal Justice
- M.S. in Civil Engineering
- M.S. in Computer Science
- M.S. in Data Science in Engineering
- M.S. in Electrical Engineering
- M.S. in Industrial and Systems Engineering
- Interdisciplinary Environmental Certificate Program (IECP)
Specializations:
 - Interdisciplinary Graduate Environmental Justice Certificate (IEJC)
 - Interdisciplinary Graduate Environmental Health and Safety Certificate (IEHC)

Approved Fall & Summer 2022

- M.S. in Cybersecurity
- M.S. in Data Analytics
- M.A. in Education (Reading)

A&T SKILLS ACADEMY

Talent Development

Target Audiences:

- Faculty
- Students
- Alumni
- Community/Corporate Partners
- Lifelong Learners

- 21st Century Skills and Competencies Professional Development
- Co-Designed Non-Credit Courses for Talent Pipeline
- Authentic Assessment Project Coaching
- Workforce Development Boot Camps
- Skills Curriculum Contributions
- SharePoint Group with 52 Members

A&T SKILLS ACADEMY

Current Corporate Workforce Skills Partnerships

- **IBM Academic Initiative**
- **IBM Skills Academy**
Skills-oriented training. HBCU no cost. Badges include:
 - > AI
 - > Blockchain
 - > Cloud Computing
 - > CyberSecurity
 - > Data Science
 - > Design Thinking
 - > IoT
 - > Quantum Computing
- **Amazon Web Services Cloud Practitioner Certification**
- **AWS Badges**
 - > Data Analytics
 - > Cloud Foundations
 - > Machine Learning
 - > Cloud Operations
 - > Cloud Architecting

CERTIFICATIONS IN UG AND GRAD PROGRAMS

College of Science and Technology Example

- MISI Cybersecurity Certificate
- Pega Certified Systems Architect
- Pega Certified Business Architect
- Cisco Certified Network Associate
- Linux Plus Certification
- RedHat Administrator I



Red Hat

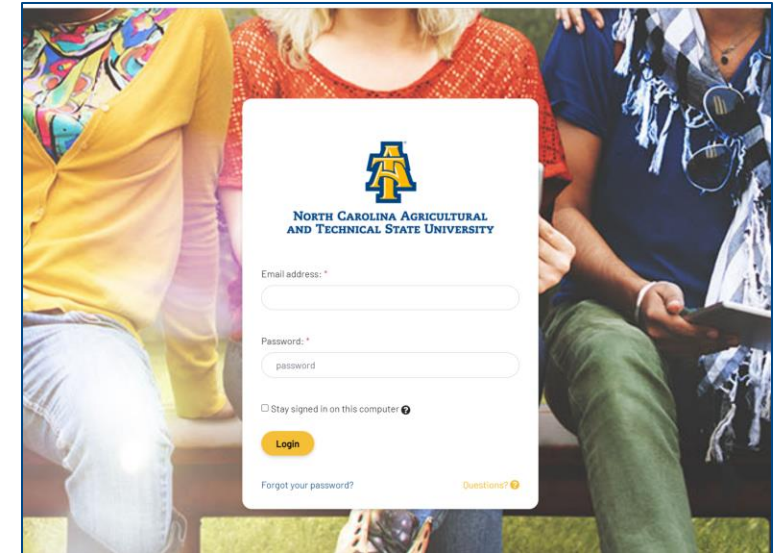
CONTINUING EDUCATION CERTIFICATES

- Family Financial Planning Certificate: Partnership with CAES
- Registered Nurse First Assistant (RNFA): Partnership with the School of Nursing at N.C. A&T and Cone Health
- Classroom Health Care Series
 - > Certified Clinical Medical Assistant
 - > EKG Technician
 - > Medical Billing and Coding
 - > Phlebotomy Technician
 - > Dialysis Technician
 - > Pharmacy Technician
 - > Dental Assistant
 - > Medical Administration Assistant



CONTINUING EDUCATION CERTIFICATES

- **HealthEd Today**
 - > Clinical Medical Assistant
 - > Medical Billing & Coding
 - > Pharmacy Technician
 - > Dental Assistant
 - > Phlebotomy Technician
 - > Dialysis Technician
 - > EKG Technician
 - > Medical Administrative Assistant
 - > Electronic Health Records Management
 - > Veterinary Assistant
- **Online**
- **Externships**
- **Payment plans**



<https://ncat.edu2.com/>

CENTER OF EXCELLENCE IN PRODUCT DESIGN AND ADVANCED MANUFACTURING (CEPDAM)

- MxD (Digital Manufacturing Institute)
- MoU signature date: 8–1–2022
- Stage 1: Course offerings include:
 - > Internet of Things (IoT) Basics and Applications
 - > Digital Manufacturing Security
 - > Fundamental of Mixed Reality for Digital Manufacturing
- Stage 2: Certificate in Smart/Cybermanufacturing



MXDUSA.ORG/VTC/

DISCUSSION

Dr. Tonya Amankwatia
extendedcampus@ncat.edu

 @NCAT_Ecampus

 N.C. A&T Extended Campus

