Description of Program

The BS in Information and Computer Technology (ICT) transfer option is designed to allow students with an approved AAS degree to easily continue their education at ECU. **Students entering the program must have a current CCNA certification and either the AAS Degree Networking Technology (A25340) or Information Systems/Network Administration and Support (A2526D).**

The ICT program prepares students to design, implement, troubleshoot, and maintain systems of computers and computer networks. Graduates are equipped with skills for entry level positions in network and information system operations in business and industry and future advancement to management.

The upper division core for ICT and selected concentration courses are offered in a distance learning environment. Students who completed an AAS degree from an approved program receive 24 semester hours block credit for the lower division core if they successfully obtain CCNA certification. This block credit applies to both on campus and distance learning students. The 13 semester hours of free electives are usually satisfied as well by transfer credits. All general education and cognate requirements still apply and can be fulfilled by transfer or by completing the class at ECU if that particular class is offered online.

The maximum allowable transfer credit from community college classes is 63 semester hours for this degree. The total degree requirement is 126 semester hours; therefore a minimum of 63 hours must be taken at a 4 year institution. Additionally, at least half of the major courses (major courses consist of 57 semester hours of lower/upper core and concentration) must be taken at ECU. With the distance offering of the upper division core courses and the computer networking concentration courses, 33 semester hours of major courses are easily obtained at ECU via distance education. Other cognate or general education courses may be transferred from another 4-year institution if not taken at ECU.

Tuition & Fees (subject to change)

**Living in North Carolina:**
- NC resident: $88 per credit
- Non-resident: $433 per credit

**Living Out-of-state:**
- All: $376 per credit

**Information & Computer Technology**

ITEC 3290 Technical Writing
ITEC 3300 Technology Project Management
ITEC 3800 Cost and Capital Analysis
ITEC 4293 Industrial Supervision
ITEC 3200 Introduction to SPC or MATH 2283
ICTN 2900 Introduction to Network Security
ICTN 3530 Network Environment II
ICTN 3540 Network Environment III
IDIS 3790 Technical Presentations
ICTN 4040 Communication Security
ITEC 4293 or MGMT 3202

**Choose one concentration**

**Information Technology Concentration**
- ICTN 3900 Web Services Management
- ICTN 4064 Regulations and Policies
- ICTN 4010 User App. Mgmt and Emerging Tech.
- ICTN 4600 Enterprise Info Technology Management

**Computer Network Concentration**
- ICTN 3250 Internetwork Routing Technology
- ICTN 4150 Switching Network Technology
- ICTN 4250 Enterprise Network Technology
- ICTN 4590 Network Maintenance & Troubleshooting

**Courses to transfer or taken online**

- **English (6 hrs)**
  - ENGL 1100 Composition
  - ENGL 1200 Composition

- **Science (8 hrs)**
  - PHYS 1250/51 General Physics I
  - PHYS 1260/61 General Physics II

- **Social Science (12 hrs)**
  - ECON 2113 Prin. of Microeconomics
  - PSYC 1000 Introductory Psychology
  - PSYC 3241 Industrial Psychology

- **Humanities & Fine Arts (10 hrs)**
  - Humanities to total 10 hrs

- **Math (8 hrs)**
  - MATH 1065 College Algebra
  - MATH 1074 Trigonometry

- **Humanities & Fine Arts to total 10 hrs**
  - At least one in Humanities

- **Other Cognates (6 hrs)**
  - COMM 2420 or 2410 Public Speaking
  - Hum/Fine Arts to total 10 hrs

- **Health & Exercise (3 hrs)**
  - Free Electives (13 hrs)

**Contact Information:**

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**Phone:** (252) 328-9670

This program is accredited by the National Association of Industrial Technology and the Southern Association of Colleges and Schools.

An equal opportunity/affirmative action university, which accommodates the needs of individuals with disabilities.