CEN to NET
Curriculum Changes – Fall 2010
BS (Computer Electronic Networking) changing to
BS (Networking & Computer Security)

New or Revised* Program Text
(*Use strike-through for deletions and underlines for additions.)

Computer Electronic Networking Network Security & Electronics (B.S.)
CIP Code: 45-0301.91 15-1239

University Requirement
BTO 100 ................................................................................................................................................................1 hour

General Education Requirements .......................................................................................................................... 30 hours

Standard General Education program, excluding blocks II, IVB, VB, VII (NS), and
VIII (6 hours). Refer to Section Four of this Catalog for details on the General
Education and University requirements.

Supporting courses ......................................................................................................................................... 46-48 hours

CSC 160 and 3 hours of higher CSC courses (CSC 177 or 190); ECO 230, MAT 108 and (124(4) or 211 or 261), AEM INT
202, 310, 408, 408; (PHY 101) and (CHE 101, CHE 107(1) or higher) in general education block IVB. PHY 131(5), 132(5); STA 215
or STA 270 or QMB 200; TEC 161; and 3 upper division hours of ACC*, AEM*, CCT*, CIS*, FIN*, GBU*, INS*,
HIT*, MGT*, MKT*, or QMB*, or PST*, or as approved by major advisor.

Free Electives .................................................................................................................................................. 9 5-6 hours
(A minimum of 4 2 semester hours must be Upper Division Courses including
Cooperative Education)

Major Requirements ..................................................................................................................................... 42 40 hours

EET 251, 252, 253, 264, 257, NET 302, 303, 343, 354, 364, 403 or 462, 440, 454, 499.
Select 6 4 hours from EET NET 349, 355, EFT 351 464, 452-396.

Total Curriculum Requirements .......................................................................................................................... 428 120 hours

The Department of Technology’s Computer Electronic Networking degree program has an articulation agreement for transfer of
credit and cooperation with Bluegrass Community and Technical College’s (formerly Lexington Community College) Associate
in Applied Science Degree in Engineering Technology with Electrical Specialization.

*Prerequisite may be required for some course selections.

Students must take at least one computer systems, networking, security, electronics, or telecommunications technology
certification or license approved by the adviser.

Students must take a Computer Electronic Networking exit examination before graduation.

Graduates must have an overall GPA of 2.25 in major requirements.

The Computer Electronic Networking program is accredited by the Association of Technology, Management and Applied
Engineering (ATMAE) National Association of Industrial Technology (NAIT).
AAS (Technology, with specialization in Computer Electronics)

New or Revised* Program Text
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Technology (A.A.S.)
CIP Code: 15.0612

University Requirement ................................................................................................................. 1 hour
BTO 100.

General Education Requirements .................................................................................................... 18 hours
ENG 101 and 102 or 105 (6 hours); MAT 107 or higher (3 hours); humanities (3 hours); ECO 230 (3 hours); CMS
100 or 210 (3 hours).

Option Requirements ..................................................................................................................... 39–44 37–41 hours

Computer Aided Drafting (41 hours)
CON 303; INT AEM 102, 195, 201, 330, 383, 390, 392, 397; MAT 108; PHY 131 (5); TEC 161, 190.

Computer Electronics (44 39 hours)
CSC 160 or 477 higher; EET 251, 252, 253, 254, 257, NET 302, 303, 343, (EET 351 or NET 354), 399; MAT
108; PHY 131 (5) (PHY 101) in general education block IVB; TEC 161.

Digital Imaging Design (40 hours)
ART 100 or 125; CHE 101, 107 (1); CSC 160; EET NET 303; GCM 211, 217, 316, 317, 319; TEC 161, 255,
313, 355.

Quality Assurance (39-40 37-38 hours)
CHE 101, 107 (1) or CHE 111, 115 (1); EET 251; INT AEM 201, 202, 238, 301, 330, 332, 336, 338(4); MAT
108; QMB 200 or STA 215 or 270; TEC 161, 190.

Free Electives ................................................................................................................................. 1-6 8 hours
Total Curriculum Requirements ..................................................................................................... 64 hours

Students must take an assessment examination before graduation.

Minor (Computer Electronics Technology)

New or Revised* Program Text
(*Use strikethrough for deletions and underlines for additions.)

Minor in Computer Electronics Technology

Requirements ..................................................................................................................................... 18 hours
EET 251, 252, 253, 254, NET 302, 303, and (EET 351 or NET 354), 302 and 303.
No more than nine hours of courses taken for a major may be counted toward this minor.