

Approved Non-departmental Electives for MS-CNET [RQ: 1824 LN: 20]

This list can be accessed online here:

Where an elective is specified in the curriculum as a “Non-department Elective”, the course must appear on this list if it is to apply to the MS-CNET degree.

Note: Any ECTET “Departmental Elective” may be used as a “Non-department Elective” but courses can only be used once to meet curriculum requirements.

BUSI 710	Project Management
CSCI 603	Computational Problem Solving
CSEC 742	Computer System Security
CSEC 743	Comp Viruses & Mal Software
CSEC 744	Network Security
DECS 744	Project Management
EEEE 605	Modern Optics for Engineers
EEEE 731	Integrated Optical Devices & Systems
ESCB 705	Economics & Decision Modeling
ESCB 705	Economics and Decision Modeling
HCIN 610	Foundations of Human-Computer Interaction
IMGS 737	Physics Optics
ISTE 608	Database Design and Implementation
MCEE 601	Microelectronic Fabrication (Lecture=3 units, Lab=0 units)
MCSE 712	Nonlinear Optics
MGIS 650	Introduction to Data Analytics and Business Intelligence
MGMT 740	Organizational Behavior and Leadership
MGMT 775	Corp Soc Res & Bus Ethics
MKTG 761	Mktg Concepts Commercialization
NSSA 602*	Enterprise Computing
NSSA 610	Advanced Wired Networking Concepts
NSSA 612	Network Modelling and Analysis
NSSA 620*	Emerging Computing and Networking Tech
NSSA 621	Design & Deploy wireless Network
NSSA 710*	Network Management
NSSA 711	Advanced Routing Protocols
NSSA 712	Advanced Storage Technologies
NSSA 714*	Advanced Large-Scale Computing
NSSA 715	Network Design and Performance
NSSA 716	Enterprise Mobile Computing

The following courses MAY NOT be used as MS-TCET non-departmental electives:

NSSA 605	Principles of System Admin (Bridge course for NSSA majors only)
CSEC 604	Crypto & Authentication (Bridge course for CSEC majors only)
EEEE 692	Communication Networks (significant overlap with TCET-710)

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*If the course does NOT have a pre-requisite (NSSA 602, Enterprise Computing and NSSA 620, Emerging Computing & Networking Tech), CNET students should be able to use SIS to put themselves on the waitlist. After restrictions are lifted, if there are seats they should be enrolled in the class.

The other two courses, NSSA 710, Network Management and NSSA 714, Advanced Large Scale Computing have pre-requisite course requirements. CNET students who have the necessary prerequisites must contact the faculty member assigned to the course and request approval for a “prerequisite over-ride” if they have the background. If approved, the course faculty member will email Tracy Larkins-Hobbs, our Senior Staff Specialist (tlhdsa@rit.edu). After open enrollment ends she will enroll them if there are seat available.