

Catalog 2009/2010 **** Information and Communication Technology

Requirements for Junior Standing in ICT

1. Typically, students with an AS or AAS degree enters the ICT Major having met the General Education Requirements (**32 credits**) of:

Area	Credits
• Area I: Public Speaking	3
• Area I: English Composition	3
• Area I: College Level Writing	3
• Area III: Laboratory Science	8
• Area IV: Social/Behavioral Sciences	6-9
• Area V: Humanities and Fine Art	6-9

2. Additionally the following ICT Major specific requirements or their equivalents (**9 credits**):

- MATH 121 College Algebra
- ICT 352 Programming for ICT [Java] *
- ET 120, Computational and Presentation Software or equivalent

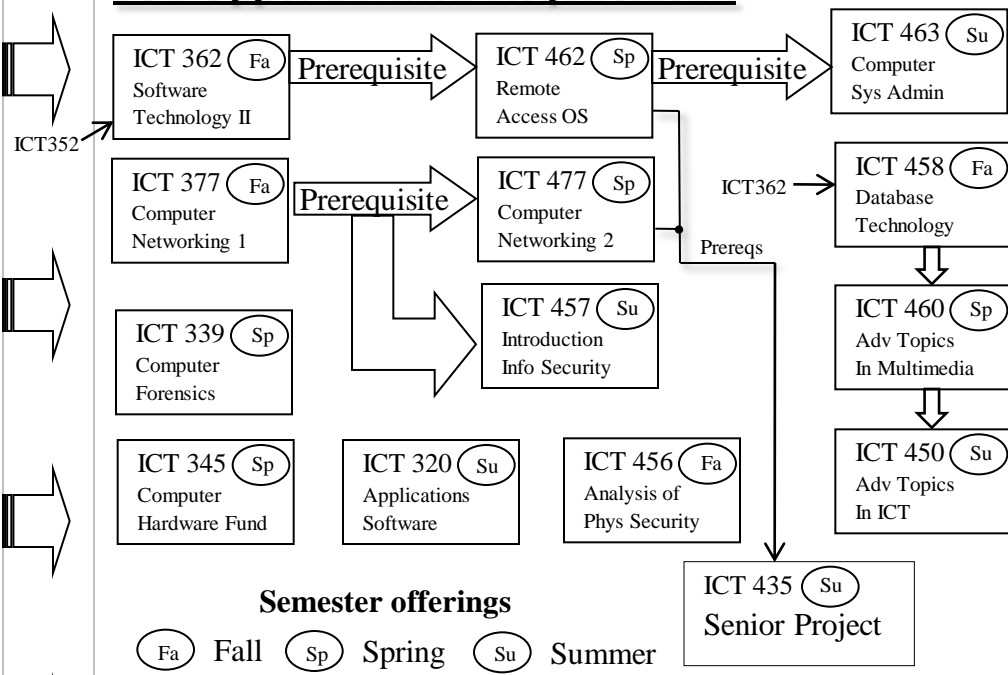
* ICT 352 is not required for students who have already taken a class in JAVA programming.

3. Electives (**39 credits**)

- Typically content courses from an AS or AAS program

If a student has not met the above requirements, they must make arrangements to fulfill these prerequisites or their equivalents.

ICT Upper Division Requirements



NMSU Viewing the wider world requirements

300 or 400 level, 3 credits each

- Viewing the Wider World 1
- Viewing the Wider World 2

Must be outside of College of Engineering

Visit our web site at <http://et-ict.nmsu.edu>

Course Titles

ICT 320 Software Applications for IT
ICT 339 Computer Forensics
ICT 345 Computer Hardware Fundamentals
ICT 352 Miscellaneous Programming Topics (Intro to Java)
ICT 362 Software Technology II
ICT 377 Computer Networking I
ICT 435 Senior Project
ICT 450 Advanced Topics in Information and Communication Technology

ICT 456 Analysis of Physical Security Systems
ICT 457 Introduction to Information Security Technology
ICT 458 Database Technology for Engineering
ICT 460 Advanced Topics in Multimedia Applications
ICT 462 Remote Access Operating Systems
ICT 463 Computer Systems Administration
ICT 477 Computer Networking II

Notes:

1. **ET120** is a Microsoft Office class. The student is expected to have been introduced to Word, PowerPoint, Excel, Access, and HTML.
1. **ICT 352** is required for students entering the ICT program who have not taken an introductory class in Java programming. This will be evaluated by an ICT faculty advisor.
2. **ICT 450** is a new requirement for ICT students. This class focuses on the development and maintenance of the College of Engineering's web site. [<http://enr.nmsu.edu/>].
3. **ICT 435** is the Senior Project class. This class is to be taken in the senior year. The prerequisites for this class are **ICT 462** and **ICT 477**. The student will work on an approved project related to the ICT curriculum.
4. **Advising Hold** – the college of Engineering places an advising hold on all students enrolled in the college. You must contact an ICT faculty advisor to get the hold removed. To get your advising hold removed, send an email to the advisor requesting the hold be removed. You must include your Banner ID and the classes you plan to take.