

## Telecommunications Minor Application Form

|                           |                               |
|---------------------------|-------------------------------|
| Name:                     | Expected date of graduation:  |
| JMU e-mail: _____@jmu.edu | JMU ID: _____                 |
| Major: _____              | Concentration (if any): _____ |

Students must submit this form to apply to be telecommunications minors. Note that enrollment in CS/ISAT 46x may be limited to computer science and integrated science majors or minors and telecommunications minors.

Students seeking telecommunications minor status should apply the semester prior to the semester in which CS460 is to be taken. Normally, students will apply during the semester in which they are taking CIS 320 and a programming course (either CS139, CS239, ISAT252, or CIS221). The decision for approval or denial of a telecommunications minor applicant depends on *space available for both CS and telecommunications minors and the applicant's academic record*. The decision is typically made after a student completes both CS320 and one of programming courses.

You must meet with the telecommunications minor advisor (Dr. Mohamed S. Aboutabl) before you can submit this application. The telecommunications minor requirements are listed below. *At most four courses can be used to satisfy both the telecommunications minor and a student's major requirements*. In the table below, indicate all courses you have completed or are in the process of completing. *Leave the field for grade blank if the course has not yet been completed*.

| Requirement                                             | Term / Year | Grade |
|---------------------------------------------------------|-------------|-------|
| CIS/CS 320 Computing and Telecommunications Networks.   |             |       |
| CS/ISAT 460 TCP/IP Networks                             |             |       |
| CS/ISAT 461 Internetworking.                            |             |       |
| <i>Choose one of the following programming courses:</i> |             |       |
| CS 139 Algorithm Development                            |             |       |
| CS 239 Advanced Computer Programming                    |             |       |
| CIS 221 Principles of Programming                       |             |       |
| ISAT 252 Programming and Problem Solving                |             |       |
| <i>Choose one of the following:</i>                     |             |       |
| SMAD 356 Telecommunication Policy and Regulation.       |             |       |
| CS/ISAT 464 Issues in the Telecommunications Business.  |             |       |
| <i>Choose one of the following:</i>                     |             |       |
| CS/ISAT 462 Network Applications Development.           |             |       |
| CS/ISAT 463 Network Analysis and Design.                |             |       |
| ISAT 465 Wireless Networking, Security and Forensics    |             |       |
| CS 458 Cyber Defense.                                   |             |       |

**Submit this form with an unofficial transcript and a completed JMU Declaration of (Telecommunications) Minor form attached.**

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Decision:** approved \_\_\_ denied \_\_\_ deferred \_\_\_ pending: \_\_\_\_\_

Signature of Telecommunications Minor Advisor: \_\_\_\_\_ Date: \_\_\_\_\_