



# Wharton County Junior College

## Network Administration AAS Degree

### Advising Plan

Student Name: \_\_\_\_\_ ID: \_\_\_\_\_

#### Network Administration AAS Degree

The Network Administration AAS degree program is designed to prepare students for positions in the networking field. The curriculum of the program covers planning, implementing, managing, and troubleshooting a network infrastructure. Topics include Microsoft client and server operating systems, Unix client and server operating systems, PC hardware, network hardware, routing, security, and critical server applications.

#### Network Administration AAS Degree (68 semester credit hours)

| Course   | Course Title/ Certification(s)  | Sem. Hours | Date Completed | Grade Earned |
|--|---|------------|----------------|--------------|
| <b>Freshman Year, First Semester TOTAL Semester Hours: 15</b>  |   |            |                |              |
| COSC 1301  | Microcomputer Applications  | 3          |                |              |
| ITSC 1325  | Personal Computer Hardware  | 3          |                |              |
| ITSC 1305  | PC Operating Systems  | 3          |                |              |
| ITSE 1329<br>or ITSE 1331<br>or COSC 1436                      | Programming Logic and Design<br>or Intro to Visual Basic<br>or Programming Fundamentals I | 3          |                |              |
| MATH 1314  | College Algebra   | 3          |                |              |
| <b>Freshman Year, Second Semester TOTAL Semester Hours: 16</b> |   |            |                |              |
| ITCC 1402  | CCNA 1: Networking Basics   | 4          |                |              |
| ITNW 1392  | Special Topics – Fiber Optics   | 3          |                |              |
| ENGL 1301  | Composition I   | 3          |                |              |
| ITNW 2305  | Network Admin   | 3          |                |              |
| ITSC 1307  | UNIX Operating System I   | 3          |                |              |
| <b>Summer I TOTAL Semester Hours: 7</b>                        |   |            |                |              |
| ITCC 1406  | CCNA 2: Routers and Routing Basics  | 4          |                |              |
| GOVT 2301  | Constitutions, Federalism, & Participation  | 3          |                |              |
| <b>Sophomore Year, First Semester TOTAL Semester Hours: 15</b> |   |            |                |              |
| ITSY 1342  | Information Technology Security   | 3          |                |              |
| ITNW 1345  | Implementing Network Directory Services   | 3          |                |              |
| ITSC 1358  | Unix Administration I   | 3          |                |              |
| Elective **  | Science or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE course                               | 3          |                |              |
| ITNW 2358  | Designing and Implementing Mail Servers   | 3          |                |              |
| <b>Freshman Year, Second Semester TOTAL Semester Hours: 15</b> |   |            |                |              |
| ENGL 1302  | Composition II  | 3          |                |              |
| ARTS, DRAM, or MUSI  | Any ARTS, DRAM, or MUSI course  | 3          |                |              |
| ITNW 2335 (CC)   | Network Troubleshooting and Support   | 3          |                |              |
| Elective **  | Science or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE course                               | 3          |                |              |
| ITNW 2352  | Administering SQL Server  | 3          |                |              |

\*\*Elective: If planning to continue on to a 4-year degree, Science or GOVT 2302 should be taken for electives. If not, any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE elective can be taken.

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_