

AAS IST: Cyber Security and Network Administration (299-11)

The following provides information regarding courses required to complete this major at Virginia Western for planning purposes

| Completed | Course | Course Title | Credit | Requisite | Term Offered |
|-----------|---------|---|--------|-------------------------------|--------------|
| | SDV 101 | Orientation to Information Technology | 2 | | F, Sp |
| | MTE 1 | Operations with Positive Fractions | ** | Math Placement | F, Sp, Su |
| | MTE 2 | Operations with Positive Decimals and Percents | ** | MTE 1 | F, Sp, Su |
| | MTE 3 | Algebra Basics | ** | MTE 2 | F, Sp, Su |
| | ENG 111 | College Composition I | 3 | English Placement | F, Sp, Su |
| | ITD 110 | Web Page Design I | 3 | | F, Sp, Su |
| | ITP 100 | Software Design | 3 | | F, Sp, Su |
| | TEL 150 | Internetworking I | 4 | | F, Sp, Su |
| | SOC SCI | ECO 201, GEO 210, HIS 111, HIS 112, PLS 211, PSY 200 or SOC 200 | 3 | | F, Sp, Su |
| | TEL 151 | Internetworking II | 4 | TEL 150 | F, Sp |
| | ITN 170 | Linux System Administration | 3 | | F, Sp, Su |
| | ITD 130 | Database Fundamentals | 3 | | F, Sp, Su |
| | MTH 130 | Fundamentals of Reasoning | 3 | MTE 1-3 | F, Sp, Su |
| | ITN 111 | Server Administration (Windows Server 2012) | 4 | TEL 150 | Sp |
| | ITN 260 | Network Security Basics | 3 | TEL 150 | F, Su |
| | TEL 250 | Internetworking III | 4 | TEL 151 | Sp |
| | ITP 170 | Project Management | 3 | | F |
| | CST 100 | Principles of Public Speaking | 3 | | F, Sp, Su |
| | HUM/FA | ART 101, ART 102, CST 130, MUS 121, MUS 122, PHI 101 or REL 230 | 3 | | |
| | ITN 267 | Legal Topics in Network Security | 3 | ITN 260 | Sp |
| | ITN 261 | Network Attacks, Computer Crime and Hacking | 3 | ITN 260 ITN 170 | Sp |
| | ITN 257 | Cloud Computing: Infrastructure and Services | 3 | TEL 150 ITN 170 | Sp |
| | TEL 251 | Internetworking IV | 4 | TEL 250 | Sp |
| | ITP 258 | Systems Development Project | 3 | TEL 150 ITP 100 ITN 170 | Sp |

**MTE classes are developmental courses. Students may place out of these classes based on various measures, including high school GPA, standardized test scores, or placement testing.

Total program credits: 67