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## Web Development - AAS

### Semester-by-Semester Pathway

An Associates of Applied Science Degree emphasizes preparation in the applied arts and sciences for careers, typically at the technical or semi-professional level. This degree totals 64 credits. Consult with an advisor for more information. Not all courses are offered each semester.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

| Semester 1 - Fall       |                                  |                               |              |   |
|-------------------------|----------------------------------|-------------------------------|--------------|---|
| Complete                | Course ID                        | Course Title                  | Credit Hours | Notes   |
| <b>Required Courses</b> |                                  |                               |              |   |
|                         | CS111                            | Visual Basic Programming (T)  | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
|                         | IS135                            | Essentials of Web Interaction | 2.00         | Spring 2026, Summer 2026, Fall 2026   |
|                         | IS225                            | Website Coding                | 2.00         | Spring 2026, Fall 2026<br>Prereq: IS135 Essentials of Web Interaction, or Departmental Consent. |
|                         | IS228                            | Database Structures           | 3.00         | Spring 2026, Fall 2026  |
| <b>Electives</b>        |                                  |                               |              |   |
|                         | <b>General Education Options</b> |                               | 6.00         |   |
| <b>Semester Total:</b>  |                                  |                               | <b>16.00</b> |   |

| Semester 2 - Spring     |  |                                     |              |   |
|-------------------------|--|-------------------------------------|--------------|---|
| Complete                | Course ID                                  | Course Title                        | Credit Hours | Notes   |
| <b>Required Courses</b> |  |                                     |              |   |
|                         | CS200                                      | Problem Solving and Programming (T) | 4.00         | Spring 2026, Fall 2026<br>Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Visual Basic Programming. |
|                         | CS203                                      | Discrete Structures                 | 3.00         | Spring 2026, Fall 2026<br>Prereq: MA106 College Algebra with a grade of C or higher.                                  |
|                         | IS215                                      | Web Development Platform            | 3.00         | Spring 2026, Fall 2026<br>Prereq: IS228 Data Base Structures, or Departmental Consent.                                |
| <b>Electives</b>        |  |                                     |              |   |
|                         | <b>General Education Options</b>           |                                     | 3.00         |   |
|                         | <b>Web Development Technical Electives</b> |                                     | 3.00         |   |
| <b>Semester Total:</b>  |  |                                     | <b>16.00</b> |   |

| Semester 3 - Fall       |           |                                |              |   |
|-------------------------|-----------|--------------------------------|--------------|---|
| Complete                | Course ID | Course Title                   | Credit Hours | Notes   |
| <b>Required Courses</b> |           |                                |              |   |
|                         | CS206     | Data Structures and Algorithms | 3.00         | Fall 2026<br>Prereq: CS200 Problem Solving and Programming. |

|                        |   |                             |              |   |
|------------------------|---|-----------------------------|--------------|---|
|                        | IS137   | Website Ethics and Security | 3.00         | Spring 2026, Fall 2026                                  |
|                        | IS148   | CompTIA A+ Core 1           | 3.00         | Spring 2026, Fall 2026                                  |
|                        | IS235   | Elements of Linux           | 3.00         | Spring 2026, Fall 2026                                  |
|                        | IS264   | JavaScript                  | 3.00         | Spring 2026, Fall 2026<br>Prereq: IS225 Website Coding. |
| <b>Electives</b>       |   |                             |              |   |
|                        | <b>IS182 Cisco CCNA I or IS212 Networking I</b> |                             | 3.00         |   |
| <b>Semester Total:</b> |   |                             | <b>18.00</b> |   |

| <b>Semester 4 - Spring</b> |  |                                  |              |  |
|----------------------------|--|----------------------------------|--------------|--|
| Complete                   | Course ID  | Course Title                     | Credit Hours | Notes  |
| <b>Required Courses</b>    |  |                                  |              |  |
|                            | BU120  | Job Search/Retention             | 1.00         | Spring 2026, Summer 2026, Fall 2026                |
|                            | IS256  | Web Development Special Projects | 1.00         | Spring 2026<br>Prereq: IS228 Data Base Structures. |
| <b>Electives</b>           |  |                                  |              |  |
|                            | <b>General Education Options</b>                               |                                  | 6.00         |  |
|                            | <b>IS250 Project Mgmt or IS210 Computer Support Internship</b> |                                  | 3.00         |  |
|                            | <b>Web Development Technical Electives</b>                     |                                  | 3.00         |  |
| <b>Semester Total:</b>     |  |                                  | <b>14.00</b> |  |

**Total Credits: 64.00**

\*Semester offerings reflect the current academic year.

| General Education Options |  |              |   |
|---------------------------|--|--------------|---|
| Course ID                 | Course Title   | Credit Hours | Notes   |
| AR101                     | Art Appreciation <a href="#">▾</a>                       | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| AR104                     | Art History: Paleolithic to Medieval <a href="#">▾</a>   | 3.00         | Fall 2026   |
| AR105                     | Art History: Renaissance to Modern <a href="#">▾</a>     | 3.00         | Spring 2026   |
| AR106                     | Art in the Elementary Classroom <a href="#">▾</a>        | 3.00         | Spring 2026, Fall 2026  |
| AR110                     | Drawing I <a href="#">▾</a>                              | 3.00         | Fall 2026   |
| BI100                     | Basic Concepts for Allied Health Studies                 | 1.00         | Spring 2026, Summer 2026, Fall 2026   |
| BI101                     | General Biology <a href="#">▾</a>                        | 4.00         | Spring 2026, Summer 2026, Fall 2026   |
| BI102                     | Ecology of Environmental Problems <a href="#">▾</a>      | 3.00         | Spring 2026   |
| BI103                     | Human Anatomy and Physiology <a href="#">▾</a>           | 6.00         | Spring 2026, Summer 2026, Fall 2026<br>Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.  |
| BI104                     | Biology I <a href="#">▾</a>                              | 5.00         | Spring 2026, Fall 2026  |
| BI105                     | Biology II <a href="#">▾</a>                             | 5.00         | Spring 2026<br>Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.  |
| BI112                     | General Microbiology <a href="#">▾</a>                   | 4.00         | Spring 2026, Summer 2026, Fall 2026<br>Prereq: (BI101, BI103, BI104, BI105) BI107 is not a valid prereq code.   |
| BI115                     | Basic Radiation Biology                                  | 2.00         | Spring 2026<br>Prereq: BI103 Human A&P.   |
| BU105                     | Introduction to Business <a href="#">▾</a>               | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| BU107                     | Personal Finance <a href="#">▾</a>                       | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| BU108                     | Business Mathematics                                     | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| BU109                     | Business Communications <a href="#">▾</a>                | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| BU118                     | Introduction to Leadership <a href="#">▾</a>             | 3.00         | Spring 2026, Fall 2026  |
| CH101                     | General Chemistry <a href="#">▾</a>                      | 5.00         | Spring 2026, Summer 2026, Fall 2026<br>Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.  |
| CH105                     | Chemistry I <a href="#">▾</a>                            | 5.00         | Spring 2026, Fall 2026<br>Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg, Stats Score 263 or Above, or Accuplacer Math Score of 81+.                         |
| CH106                     | Chemistry II <a href="#">▾</a>                           | 5.00         | Spring 2026<br>Prereq: CH105 Chemistry I with a C or Higher.  |
| CH108                     | Principles of Organic and Biochemistry <a href="#">▾</a> | 5.00         | Fall 2026<br>Prereq: CH105 Chemistry I, or Departmental Consent.  |
| CH201                     | Organic Chemistry I <a href="#">▾</a>                    | 5.00         | Fall 2026<br>Prereq: CH106 Chemistry II.  |
| CH202                     | Organic Chemistry II <a href="#">▾</a>                   | 5.00         | Spring 2026<br>Prereq: CH201 Organic Chemistry I.   |
| EC100                     | Macroeconomics <a href="#">▾</a>                         | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| EC101                     | Microeconomics <a href="#">▾</a>                         | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| ED105                     | Success Seminar/College Orientation                      | 1.00         | Spring 2026, Summer 2026, Fall 2026   |
| ED201                     | Introduction to Education <a href="#">▾</a>              | 3.00         | Spring 2026, Fall 2026<br>Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.   |
| ED201L                    | Introduction to Education Practicum <a href="#">▾</a>    | 1.00         | Spring 2026, Fall 2026<br>Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.   |
| EN101                     | English Composition IA <a href="#">▾</a>                 | 3.00         | Spring 2026, Summer 2026, Fall 2026<br>Prereq: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG Reading Score 255+, and ACT Reading Score of 18 or above, or ACT English Score of 18 or above.                |
| EN102                     | English Composition II <a href="#">▾</a>                 | 3.00         | Spring 2026, Summer 2026, Fall 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN101H English Comp IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN107                     | Business English Grammar & Composition                   | 3.00         | Spring 2026, Fall 2026  |

|         |   |      |   |
|---------|---|------|---|
| EN108   | Career and Technical Writing                  | 3.00 | Spring 2026, Fall 2026  |
| EN120   | Children's Literature ▶                       | 3.00 | Spring 2026, Fall 2026  |
| EN121   | World Mythology                               | 3.00 | Spring 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.  |
| EN128   | Introduction to Creative Writing ▶            | 3.00 | Spring 2026, Fall 2026  |
| EN201   | Introduction to Literature ▶                  | 3.00 | Summer 2026, Fall 2026<br>Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher.   |
| EN202   | British Literature I                          | 3.00 | Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.   |
| EN203   | British Literature II                         | 3.00 | Spring 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.  |
| EN204   | American Literature I ▶                       | 3.00 | Fall 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.  |
| EN205   | American Literature II ▶                      | 3.00 | Spring 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.  |
| EN207   | Introduction to Shakespeare                   | 3.00 | Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.   |
| EN214   | Introduction to Cultural Studies: Fairy Tales | 3.00 | Spring 2026, Fall 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.   |
| FR101   | Elementary French I ▶                         | 5.00 |   |
| GE101   | World Geography ▶                             | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| GO100   | American Government ▶                         | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| GO101   | State and Local Government ▶                  | 3.00 |   |
| GO102   | International Relations ▶                     | 3.00 | Spring 2026   |
| GO110   | Introduction to Political Science ▶           | 3.00 | Fall 2026   |
| GO110H  | Honors Introduction to Political Science ▶    | 3.00 | Fall 2026   |
| HI101   | American History 1492-1865 ▶                  | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| HI102   | American History 1865-Present ▶               | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| HI103   | World History to 1600 ▶                       | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| HI104   | World History Since 1600 ▶                    | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| HI122   | Film History of World War II                  | 3.00 | Spring 2026   |
| HI201   | Topics in History                             | 3.00 |   |
| IS103   | Microcomputer Literacy                        | 2.00 | Spring 2026, Summer 2026  |
| IS104   | Microcomputer Applications ▶                  | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| JL101   | Introduction to Mass Communications ▶         | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| LE101   | Introduction to Criminal Justice ▶            | 3.00 | Spring 2026, Fall 2026  |
| ★ MA106 | College Algebra ▶                             | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.                        |
| MA107   | Plane Trigonometry ▶                          | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.  |
| MA108   | Elements of Statistics ▶                      | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.                             |
| MA110   | Calculus ▶                                    | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.    |
| MA111   | Analytical Geometry and Calculus I ▶          | 5.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: MA107 Plane Trigonometry with a grade of C or higher, or ACT Math Score of 25 to 36, or MA109 Pre-Calculus Math with a grade of C or higher. |
| MA113   | Analytical Geometry and Calculus II ▶         | 5.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: MA111 with a grade of C or higher.   |

|        |                                      |      |   |
|--------|--------------------------------------|------|---|
| MA117  | Contemporary Math ▶                  | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| MA201  | Analytical Geometry and Calculus III | 5.00 | Summer 2026, Fall 2026<br>Prereq: MA113 with a grade of C or higher.  |
| MA206  | Differential Equations ▶             | 3.00 | Spring 2026<br>Prereq: MA113 with a grade of C or higher.   |
| MU101  | Music Appreciation ▶                 | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| MU106  | Music Theory I ▶                     | 3.00 | Fall 2026   |
| MU107  | Music Theory II ▶                    | 3.00 | Spring 2026<br>Prereq: MU106 Music Theory I.  |
| MU127  | Introduction To Jazz/Jazz Rock       | 3.00 | Spring 2026, Fall 2026  |
| MU206  | Music Theory III                     | 3.00 | Fall 2026<br>Prereq: MU107 Music Theory II.   |
| MU207  | Music Theory IV                      | 3.00 | Spring 2026<br>Prereq: MU206 Music Theory III.  |
| PE105  | Personal and Community Health ▶      | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PE122  | Rhythms I                            | 2.00 | Fall 2026   |
| PE123  | Rhythms II                           | 2.00 | Spring 2026   |
| PE126  | Conditioning & Fitness Concepts I    | 1.00 | Spring 2026, Summer 2026, Fall 2026   |
| PE127  | Conditioning & Fitness Concepts II   | 1.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: PE126 Conditioning & Fitness Concepts I.                       |
| PE173  | Fitness for Life                     | 1.00 | Spring 2026, Summer 2026, Fall 2026   |
| PL101  | Introduction to Philosophy ▶         | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PL103  | Logic and Critical Thinking ▶        | 3.00 | Spring 2026, Fall 2026  |
| PL104  | Ethics ▶                             | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PL105  | Death and Dying                      | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PS100  | General Psychology ▶                 | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PS101  | Human Relations                      | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PS102  | Human Growth and Development ▶       | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: PS100 General Psychology.                                      |
| PS201  | Psychology of Personality            | 3.00 | Spring 2026, Fall 2026<br>Prereq: PS100 General Psychology with grade of C or higher.                         |
| PS202  | Abnormal Psychology                  | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: PS100 General Psychology.                                      |
| PY102  | Weather and Climate                  | 3.00 | Spring 2026   |
| PY103  | Physical Geology ▶                   | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| PY104L | Physical Geology Lab ▶               | 1.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: PY103 Physical Geology.  |
| PY110  | Physical Science ▶                   | 5.00 | Spring 2026, Fall 2026  |
| PY112  | General Physics I ▶                  | 5.00 | Fall 2026<br>Prereq: MA106 College Algebra or higher math.  |
| PY113  | General Physics II ▶                 | 5.00 | Spring 2026<br>Prereq: PY112 Gen Physics I.   |
| PY201  | Engineering Physics I ▶              | 5.00 | Fall 2026<br>Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. |
| PY202  | Engineering Physics II ▶             | 5.00 | Spring 2026<br>Prereq: PY201 Eng Phys I with grade of C or better.  |
| RE101  | New Testament Literature ▶           | 3.00 | Spring 2026, Fall 2026  |
| RE102  | Old Testament Literature ▶           | 3.00 | Fall 2026   |
| RE106  | Introduction to World Religions ▶    | 3.00 | Spring 2026   |
| SH101  | Public Speaking ▶                    | 3.00 | Spring 2026, Summer 2026, Fall 2026   |
| SH103  | Oral Interpretation                  | 3.00 | Spring 2026   |
| SH122  | Voice and Diction ▶                  | 3.00 |   |
| SH210  | Interpersonal Communication ▶        | 3.00 | Spring 2026, Summer 2026, Fall 2026   |

|       |                               |      |  |
|-------|-------------------------------|------|--|
| SO100 | Fundamentals of Sociology 📄   | 3.00 | Spring 2026, Summer 2026, Fall 2026                              |
| SO101 | Marriage and Family 📄         | 3.00 | Spring 2026, Summer 2026, Fall 2026                              |
| SO103 | Stress Management             | 1.00 | Spring 2026, Summer 2026, Fall 2026                              |
| SO104 | Assertiveness Training        | 2.00 | Spring 2026, Summer 2026, Fall 2026                              |
| SO111 | Cultural Anthropology 📄       | 3.00 | Spring 2026, Summer 2026, Fall 2026                              |
| SO113 | Cultural Diversity 📄          | 3.00 | Spring 2026, Fall 2026   |
| SO122 | Introduction to Social Work 📄 | 3.00 | Spring 2026, Fall 2026   |
| SO201 | Social Problems 📄             | 3.00 | Spring 2026<br>Prereq: SO100 Fundamentals of Sociology.          |
| SP100 | Workplace Spanish             | 2.00 |  |
| SP101 | Elementary Spanish I 📄        | 5.00 | Spring 2026, Summer 2026, Fall 2026                              |
| SP102 | Elementary Spanish II 📄       | 5.00 | Spring 2026, Fall 2026<br>Prereq: SP101 Elementary Spanish I.    |
| TH115 | Theatre Appreciation 📄        | 3.00 | Spring 2026, Fall 2026   |
| TH116 | Acting I 📄                    | 3.00 | Fall 2026  |
| TH118 | Stagecraft 📄                  | 3.00 | Fall 2026  |
| TH119 | Stage Makeup                  | 3.00 | Fall 2026  |
| TH121 | Acting II 📄                   | 3.00 | Fall 2026<br>Prereq: TH116 Acting I with a grade of C or better. |
| TH122 | Voice and Diction 📄           | 3.00 |  |
| TH123 | Theatre Practicum I 📄         | 1.00 | Spring 2026, Fall 2026   |
| TR100 | Technical Math                | 3.00 | Spring 2026, Fall 2026   |
| TR120 | Work Ethics                   | 2.00 | Spring 2026, Fall 2026   |

### IS182 Cisco CCNA I or IS212 Networking I

| Course ID | Course Title              | Credit Hours | Notes                               |
|-----------|---------------------------|--------------|-------------------------------------|
| ★ IS182   | Cisco CCNA I/Networking I | 3.00         | Spring 2026, Summer 2026, Fall 2026 |

### IS250 Project Mgmt or IS210 Computer Support Internship

| Course ID | Course Title          | Credit Hours | Notes   |
|-----------|-----------------------|--------------|---|
| IS210     | Computer Internship I | 3.00         | Spring 2026, Summer 2026, Fall 2026<br>Prereq: Departmental Consent, and a GPA of 2.5 or higher, and IS149 CompTIA A+ Core 2. |
| IS250     | Project Management    | 3.00         | Spring 2026   |

### Web Development Technical Electives

| Course ID | Course Title                               | Credit Hours | Notes   |
|-----------|--|--------------|---|
| AR134     | Introduction to Digital Imagery--Photoshop | 3.00         |   |
| AR135     | Advanced Digital Imagery--Photoshop        | 3.00         | Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.                    |
| CS121L    | Programming Language Lab                   | 1.00         | Spring 2026, Fall 2026<br>Prereq: CS111 Visual Basic Programming, or CS200 Problem Solving and Programming. |
| ED105     | Success Seminar/College Orientation        | 1.00         | Spring 2026, Summer 2026, Fall 2026   |
| ED105H    | Honors Success Seminar/College Orientation | 1.00         | Fall 2026   |
| IS100     | Cybersecurity Application                  | 3.00         | Spring 2026, Summer 2026, Fall 2026   |
| IS120     | Vector Graphics                            | 3.00         | Fall 2026   |
| IS149     | CompTIA A+ Core 2                          | 3.00         | Spring 2026, Fall 2026  |

|        |   |      |  |
|--------|---|------|--|
|        |   |      | Prereq: IS148 CompTIA A+ Core 1 with grade of C or better.   |
| IS182  | Cisco CCNA I/Networking I                         | 3.00 | Spring 2026, Summer 2026, Fall 2026  |
| IS183  | Cisco CCNA II                                     | 3.00 | Spring 2026<br>Prereq: IS182 Cisco CCNA I/Networking I.  |
| IS184  | Cisco CCNA III                                    | 3.00 | Prereq: IS183 Cisco CCNA II.   |
| IS201  | Database I  | 1.00 | Spring 2026  |
| IS202  | Database II                                       | 1.00 | Spring 2026<br>Prereq: IS201 Database I with a grade of C or better.   |
| IS210  | Computer Internship I                             | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: Departmental Consent, and a GPA of 2.5 or higher, and IS149 CompTIA A+ Core 2.                                      |
| IS211  | Computer Support Internship II                    | 3.00 | Spring 2026, Summer 2026, Fall 2026<br>Prereq: IS210 Computer Internship I.  |
| IS224  | Networking II                                     | 3.00 | Spring 2026, Fall 2026<br>Prereq: IS182 Cisco CCNA I/Networking I.   |
| IS237  | Server Operating Systems and Virtualization       | 3.00 | Spring 2026, Fall 2026<br>Prereq: IS235 Elements of Linux, or Departmental Consent, and IS182 Cisco CCNA I/Networking I.   |
| IS240  | Fundamentals of Network Security                  | 3.00 | Spring 2026, Fall 2026<br>Prereq: IS182 Cisco CCNA I/Networking I & IS224 Networking II, or Departmental Consent, and IS184 Cisco CNA III, or IS183 Cisco CCNA II. |
| IS250  | Project Management                                | 3.00 | Spring 2026  |
| IS252  | Social Media Platform                             | 3.00 | Fall 2026  |
| IS280  | Computer Forensics                                | 3.00 | Spring 2026<br>Prereq: IS148 CompTIA A+ Core 1 with grade of C or better, and Departmental Consent, and IS182 Cisco CCNA I/Networking I.                           |
| IS281  | Control Systems Security                          | 3.00 | Spring 2026<br>Prereq: IS182 Cisco CCNA I/Networking I, and Departmental Consent.  |
| IS282  | Secure Coding                                     | 3.00 | Fall 2026<br>Prereq: CS200 Problem Solving and Programming, and Departmental Consent.  |
| JP118  | Introduction to Digital Imagery--Photoshop        | 3.00 | Spring 2026, Fall 2026   |
| JP118H | Honors Introduction to Digital Imagery--Photoshop | 3.00 |  |
| JP119  | Advanced Digital Imagery--Photoshop               | 3.00 | Spring 2026<br>Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.  |