CIS Majors—Planning Guide

**For Students who have completed the Associate of Applied Science degree in Computer Information Systems at the Community College of Denver**

CIS students are encouraged to see a faculty advisor in the CIS Dept., Admin. Building 590, 303-556-3122. New and Transfer students are encouraged to see a faculty advisor in the CIS Dept. before registering for classes.

# ASSOCIATE OF APPLIED SCIENCE IN COMPUTER INFORMATION SYSTEMS COURSE TRANSFER SCHEDULE

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| **CCD Course #**  | **Course Title** |  **Credits** | **Equivalent MSCD Course** |
| ENG121  | English Composition I | 3 | ENG1010 |
| ENG122  | English Composition II | 3 | ENG1020 |
| MAT123  | Finite Mathematics  | 4 | MTH1310 |
| POS105 | Introduction to Political Science | 3 | PSC1020 |
| PSY101 | General Psychology I | 3 | PSY8888 |
| COM115  | Public Speaking | 3 | SPE1010 |
| ACC121  | Principles of Accounting | 4 | ACC2010 |
| BUS216  | Legal Environment of Business | 4 | MGT2210 |
| BUS217  | Business Communication & Report Writing | 3 | MKT2040 |
| ECO201 | Principles of Macro Economics | 3 | ECO2010 |
| ECO202 | Principles of Micro Economics | 3 | ECO2020 |
| MAR216  | Principles of Marketing | 3 | MKT8900 |
| CIS118 | Introduction to PC Applications | 3 | CIS1010 |
| CIS267 | Management of Information Systems | 3 | CIS2010 |
| CSC119\*  | Introduction to Programming  | 3 | CIS2110 |
| CNG101 | Introduction to Networking  | 3 | CIS8000 |
| CNG102  | Local Area Networks | 3 | CIS8001 |
| CNG116  | Microcomputer Hardware | 3 | CIS8002 |
| CNG120  | A+ Certification Prep | 4 | CIS8003 |
|  |  | 60 |  |

\*Course has been extensively revised by CCD faculty to make it equivalent to CIS2110.

# SEMESTER-BY-SEMESTER PLANNING GUIDE

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| **1st Semester-Third Year** |  | **2nd Semester-Third Year** |
| N Sc |  | Natural Sciences Elective I (Refer to Catalog Addendum: General College Requirements) |  | N Sc |  | Natural Sciences Elective II (Refer to Catalog Addendum: General College Requirements) |
| CIS | 3050 | Fundamentals of Systems Analysis and Design |  | CIS | 3230 | Telecommunication Systems & Networking |
| MTH | 1320 | Calculus for the Management & Social Sciences |  | CIS  | 3300 | Managerial Statistics |
| A&L |  | Level II Arts & Letters Elective (Refer to Catalog Addendum: General College Requirements)\*\* |  | MGT | 3000 | Organizational Management |
| HIS |  | American History Course Recommended (Refer to Catalog Addendum: General College Requirements) |  | ACC | 2020 | Principles of Accounting II |
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| **1st Semester-Fourth Year** |  | **2nd Semester-Fourth Year** |
| CIS | 3320 | Management Science |  | MGT | 4950 | Strategic Management |
| CIS | 3060 | Database Management Systems |  | CIS | 4050 | Systems Analysis and Design |
| PHI  | 3360 | Business Ethics |  | CIS | 4xxx | Capstone |
| CIS  | 3145 | Business Application Development w/ Visual Basic |  | CIS |  | CIS Upper Division Elective I |
| FIN | 3300 | Managerial Finance | \_ | CIS | \_\_\_ | CIS Upper Division Elective II |

**\*\*Multicultural Requirement**: The college’s multicultural requirement may be satisfied in conjunction with satisfying the Arts and Letters course requirement or the 1-3 Credits of General Elective Upper Division course requirements. If not, student is required to take a separate approved 3 credit-hour course*. (See the catalog for a complete listing of courses approved to fulfill the multicultural requirement*). All students are required to satisfy the multicultural requirement.

**\*\*\*UPPER-DIVISION REQUIREMENT:**  All students must complete a minimum of 40 hours of upper division (3000-4000 level) credit hours.

**Admission and Graduation Requirements for The School of Business**: All students who qualify for admission to MSCD are eligible to declare a major or minor in the School of Business. Declaring a major or minor is the first step in the process of receiving appropriate advising. A student should declare a major as soon as possible by contacting an academic advisor, department chair, or faculty member. New and transfer students intending to major in business are encouraged to see an advisor in the appropriate department before registering for classes.