

PAYMENT DUE

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AAS: Computer Information Systems

Curriculum Chair: Prof. Denise Sullivan CLA-47 Tel # (914) 606-6988 Email: Denise.Sullivan@sunywcc.edu

Academic Dean Office: Dr. Carmen Martinez-Lopez CLA-201 Tel# (914) 606-6795 Email:

Carmen.MartinezLopez@sunywcc.edu

Developmental Courses as required based on placement scores

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|------------------------------------|---|
| <input type="checkbox"/> | ENG 91 Writing for College 1 – Score of 4 E Code 1 and below, 30.01 Choose an item. |
| <input type="checkbox"/> | ENG 92 Writing for College 2 – Score of 6 E Code 2, 30.02 Choose an item. |
| <input type="checkbox"/> | ENG 99 Writing Studio (with linked section of ENG 101+) - Score of 6 E Code 2, 30.02 |
| <input type="checkbox"/> | ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6, 20.01 . |
| 3 <input type="checkbox"/> | ESL 122 Academic Writing 2 – Score of 7 E Code 7, 21.01 |
| <input type="checkbox"/> | MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, 40.01 Choose an |
| OR <input type="checkbox"/> | MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02 Choose an item. |
| | MATH 94 Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02 Choose an item. |
| <input type="checkbox"/> | READ 93 Foundation of College Reading – Score of 57 and below, 10.01 Choose an item. |
| 3 <input type="checkbox"/> | READ 105 Analytical Reading – Score of 58 and higher 11.01 Choose an item. |

New General Education Requirements

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| 3 <input type="checkbox"/> | ENG 101 – Writing and Research OR ENG 101H Choose an item. |
| 3 <input type="checkbox"/> | ENG 102 – Writing and Literature OR ENG 102H Choose an item. |
| | MATHEMATICS GENERAL ED REQUIREMENTS – Select two 3/4 credit course: MATH 116, 117, 120, 130, 135, 138, 140, 161, 180, 181, 191, 205, 230 |
| 3 <input type="checkbox"/> /4 <input type="checkbox"/> | |
| 3 <input type="checkbox"/> /4 <input type="checkbox"/> | |
| | NATURAL SCIENCE GENERAL ED REQUIREMENTS – Select a 3/4 credit course(Lab course recommended): BIOL 101, 103, 115, 115H, 117, 117H, 121, 123, 127, 143, 155, 159, 203, CHEM 107, 111, 113, 117, 201, 205, PHYSC 101, 111, 112, 120, 121, 122, 129, 143, 143H, 151, 159, 162, 292 |
| 3 <input type="checkbox"/> /4 <input type="checkbox"/> | |
| | SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course: ANTHR 101, 102, 103, 201, CJ 111, ECON 101, 101H, 102, 102H, GEOG 101, HSERV 102, 200, LIN 201, POLSC 111, 111H, 115, PSYCH 101, 101H, 103, 103H, 107, 109, 110, 111, 112H, SOC 101, 101H, 102, 103, 104 |
| 3 <input type="checkbox"/> | |
| | THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED REQUIREMENTS – Choose a 3/4 credit course: ART 101, 102, 103, 104, 105, 106, 107, 108, 109, 109A, 110, 111, 112, 125, 129, 130, 133, 134, 135, 137, 138, 140, 141, 147, 201, 203, 212, 265, DANCE 101, 102, 107, 112, 115, 120, 121, 205, 207, FILM 100, 101, 102, 130 MUSIC 110, 110H, 111, 120, 121, 130, 121, 123, 133, 150, 230, 231, 232, 233, THEAT 111, 113, 201 |

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| | ARABC 101, 102, CHINS 102, FREN 101, 102, 201, ITAL 101, 102, 103, 201, 201H, 202, 202H, 250, JAPNS 101, 102, RUSSN 101, SPAN 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204, ANTHR 120, 210, 215H, HIS 119, 128, 129, 131, POLSC 113 |
| 3□/4□ | |
| | AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course: ART 108, 109, HIS 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, POLSC 102, 104, 107 <i>*Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education requirements</i> <i>**Students who complete this course cannot use HIS 121 to fulfill degree and/or general education requirements</i> |
| 3□ | |

Degree Requirements

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| 3□ | CIS 110 – Computer Information Systems Choose an item. |
| 3□ | CIS 120 – Object Orient Programming Logic¹ Choose an item. |
| 3□ | CIS 135 – PC Operating Systems: CIS 110 is the prerequisite. Choose an item. |
| 3□ | CIS 140 – Networking for Business: CIS 110 is the prerequisite. Choose an item. |
| 3□ | CIS 155 – Principles of Security/Forensics: CIS 110 is the prerequisite. Choose an item. |
| 3□ | CIS 220 – Visual Basic for Business: CIS 120 is the prerequisite. Choose an item. |
| 3□ | CIS 225 – Database Management Systems: CIS 110 is the prerequisite. Choose an item. |
| 3□ | CIS 260 – Systems Analysis/Design: CIS 225 is the prerequisite. Choose an item. |
| 4□ | ACC 119 – Financial Accounting Choose an item. |
| 4□ | ACC 120 – Managerial Accounting: ACC 119 is the prerequisite. Choose an item. |
| 3□ | OFTEC 240 – Business Communication Choose an item. |
| 3□ | MGT 101 – Business Organization and Management Choose an item. |

SEEN BY:

Completed credits of 62 required

Students who select Computer Information Systems as their major are strongly advised to choose the highest level of math so that they will be adequately prepared for the field and for transferring to continue their education. **MATH 135** – Algebra with Trigonometry, **MATH 161** – Pre-Calculus and **MATH 140** – Statistics are all desirable courses for a CIS major. Schedule CIS courses first. Schedule CORE courses around CIS courses.

¹ **CIS 110**-Computer Information Systems and **CIS 120**-Object Oriented Programming Logic are co-requisites or **CIS 110**-Computer Information System should be taken first.

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| Academic Plan | | Completed credits | | of 62 required | |
|---------------|----------------|-------------------|----------------|----------------|----------------|
| | | Fall/Spring | | Fall/Spring | |
| <u>Class</u> | <u>Credits</u> | <u>Class</u> | <u>Credits</u> | <u>Class</u> | <u>Credits</u> |
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