### Sinclair Community College to Wright State University

#### Engineering University Transfer Program Guide for Computer Science (BS)

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<th>Sinclair Community College</th>
<th>Wright State University</th>
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<td><strong>Mathematics</strong></td>
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<tr>
<td>Take through SOCHE cross-registration</td>
<td>MAT 2570-3 Discrete Math</td>
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<tr>
<td>MAT 2270-5 Calculus &amp; Analytical Geometry I</td>
<td>MTH 2300-4 Calculus I</td>
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<td>MAT 2280-5 Calculus &amp; Analytical Geometry II</td>
<td>MTH 2310-4 Calculus II</td>
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<td>MAT 2320-3 Linear Algebra</td>
<td>MTH 2530-3 Elementary Linear Algebra</td>
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- **Computer Science**
  - CIS 2212-3 Java Software Development I | CS 1180-4 Computer Science I
  - CIS 2217-3 Java Software Development II | CS 1181-4 Computer Science II
  - CIS 1107-3 Intro to Operating Systems | CEG 2350-4 OS Concepts and Usage
  - CIS 2550-3 Intro to Linux Operating Systems |  |

#### Wright State Core

- **Communication**
  - ENG 1101-3 English Composition I | ENG 1100-3 Academic Reading and Writing

- **History - Pick One**
  - HIS 1111-3 Western Civilization I | HST 1100-3 Western Civ to 1500
  - HIS 1112-3 Western Civilization II | HST 1200-3 Western Civ since 1500

#### Global Studies - Pick One

- HUM 1130-3 Humanity and Challenge of Tech | CS 1000-3 MC Technology and Society
- GEO 1201-3 World Regional Geography | CST 2210-3 IW,MW Comparative Nonwestern Environments
- LIT 2234-3 Literature of Africa | CST 2310-3 IW,MW Comparative Literature: Non-Western Lit
- REL 1111-3 Eastern Religions | CST 2320-3 IW,MW Nonwestern Religions
- SOC 1145-3 Comparing Cultures | CST 2410-3 IW,MW Comparative Nonwestern Cultures
- HIS 2215-3 Survey of African History | RST 2710-3 IW,MW Regional Studies: Africa
- HIS 2216-3 Survey of Latin American History | RST 2810-3 IW,MW Regional Studies: Latin America
- HIS 2219-3 Survey of the Middle East | RST 2910-3 IW,MW Regional Studies: Middle East

**Social Science - Pick Two**

- PLS 1120-3 Political Life | PLS 2000-3 Political Life
- ECO 2180-3 Microeconomics | EC 2040-3 Principles of Microeconomics
- ECO 2160-3 Macroeconomics | EC 2050-3 Principles of Macroeconomics
- PSY 1100-3 General Psychology | PSY 1010-4 IW Intro to Psychology
- SOC 1101-3 General Sociology I | SOC 2000-3 IW Introduction to Sociology

- **Arts & Humanities - Pick One**
  - LIT 2230-3 Great Books of the Western World | ENG 2040-3 IW Great Books: Literature
  - REL 2204-3 Great Books: Bible & Western Culture | REL 2040-3 IW Great Books: Bible and Western Culture
  - PHI 2205-3 Intro to Philosophy | PHL 2040-3 IW Great Books:Philosophy
  - ART 1110-3 Art Appreciation | ART 2140-3 Themes in Visual Culture
  - LIT 2234-3 Literature of Africa | CST 2310-3 IW,MW Comparative Literature: Non-Western Lit
  - LIT 2236-3 African-American Literature | ENG 2050-3 IW,MW African-American Literature
  - MUS 1121-3 Music Appreciation | MUS 2140-3 Music in Western Culture
  - THE 1101-3 Theatre Appreciation | TH 2140-3 Theatre in Western Culture

- **Natural Science - Pick Two with Labs and One Additional Course**
  - BIO 1171-5 Principles of Biology I | BIO 1120-4 Cells and Genes
  - BIO 1272-5 Principles of Biology II | BIO 1150-4 Organisms and Ecosystems
  - CHE 1211/1251-5 General Chemistry I and Lab | CHM 1210/1210L-5 General Chemistry I
  - CHE 1217/1261-5 General Chemistry II and Lab | CHM 1220/1220L-5 General Chemistry II
  - GLS 1101-4 General Geology I | EES 2510-4 Earth Systems
  - GLS 1201-4 General Geology II | EES 2550-4 Earth History
  - PHY 2201/2207-5 General Physics I | PHY 2400/2400L-5 General Physics I
  - PHY 2202/2208-5 General Physics II | PHY 2410/2410L-5 General Physics II

**Notes:**

1. IW - Two Integrated Writing (IW) courses are required at Wright State.
2. MC - Two Multicultural Competence (MC) courses are required.
3. A course listed in 2 or more areas may only be used to meet one requirement under Wright State Core.
4. If a student completes the transfer module, they don’t have to worry about IW and MC requirements at Wright State.
5. Completing the Ohio Transfer Module (OTM) prior to transferring to the College of Engineering and Computer Science is recommended.
6. EGR 3350 may be taken through SOCHE cross-registration at Wright State for the 2nd writing course requirement. ENG 1201 will NOT count for your 2nd writing course in the College of Engineering and Computer Science.
7. This is intended to be a transfer guide sheet and does not include all of the requirements for the Engineering University Transfer Program at Sinclair.