Clark State Community College

Wright State University

College of Engineering and Computer Science
Department of Computer Science & Engineering

Associate of Science

Bachelor of Science
COMPUTER ENGINEERING

Clark State Community College Courses		Wright State University Courses
Area I; English	Credit Hours	
ENG 1111 English I	3	**WSU Core Communications** ENG 1100 Academic Writing & Reading
ENG 1112 English II **Note:** Only required for Associate Degree	3	ENG 2100 Research Writing and Argumentation
Total Hours	6	

Area II; Communication (Choose 1) Note: Only required for Associate Degree	Credit Hours	**Not required at Wright State**
COM 1110 Interpersonal Communication		COM 2020 Interpersonal Communication
COM 1120 Public Speaking		COM 1010 Essentials of Public Address
COM 1130 Introduction to Mass Comm		COM 1520 Mass Communication
COM 1170 Small Group Communication		COM 2410 Small Group Communication
Total Hours	3	

Area III: Literature/Arts/Humanities	Credit Hours	
ENG 2300 Great Books: World Literature	3	**WSU Core Arts/Humanities** ENG 2040 Great Books: Literature
Choose 1:	3	**WSU Core History**
HST 1110 Western Civilization to 1600		HST 1100 Western Civilizations to 1500
HST 1120 Western Civilization since 1600		HST 1200 The West and the World since 1500
Additional Lit/Arts/ Hum - consult a Clark State Advisor **Note:** Only required for Associate Degree	3	Varies based on course taken
Total Hours	9	

Area IV: Social Sciences	Credit Hours	
Choose 2 OTM approved Social Science	6	**WSU Core Social Science**
Choose 1 additional course from:	3	**WSU Core Global Traditions**
SOC 2220 Comparing Cultures		ATH 2410
RST 2600 Regional Studies: N. India		RST substitute
RST 2700 Regional Studies: Africa		RST 2710 Regional Studies: Africa
RST 2800 Regional Studies: Latin America		RST 2810 Regional Studies: Latin America
Total Hours	9	

Area V: Mathematics	Credit Hours	**WSU Core Mathematics**
MTH 2200 Calculus I	5	MTH 2300 Calculus I (4 credit hours)

Area VI: Natural and Physical Sciences	Credit Hours	**WSU Core Natural Science**
PHY 2501 General Physics I		PHY 2400 General Physics I
PHY 2502 General Physics II		PHY 2410 General Physics II
Total Hours	10	

Foundations Note: Only required for Associate Degree	Credit Hours	Not required at Wright State
FYE 1100 or 1000	1	

Capstone Seminar Note: Only required for Associate Degree	Credit Hours	Not required at Wright State
HUM 2899 Capstone Seminar	3	

Concentration Electives	Credit Hours	
MTH 2220 Calculus II	5	**WSU Additional Core** MTH 2310 Calculus II (4 credit hours)
CSD 2520 Java Programming	3	**Computer Science and Engineering Courses** CS 1180 Computer Science I
NTK 2210 Linux Client Administration & NTK 2020 Microsoft client Administration **Note:** Student must take both to equal CEG 2350. These courses have prerequisites of NTK 1110 & NTK 1120.	3 (+3)	**Computer Science and Engineering Courses** CEG 2350 OS Concepts and Usage

Student may also complete the following Clark State courses to fulfill additional requirements toward the major:

Clark State Community College	Credit Hours	Wright State University
MTH 2330 Differential Equations & MTH 2530 Matrix Algebra **Note:** Students must take both		**MTH 2350 Differential Equations with Matrix Algebra**
Choose one additional course from:		**WSU Additional Core**
BIO 1510 Biology I		BIO 1120 Cells and Genes & BIO 1150 Organisms and Ecosystems
CHM 1210 General Chemistry I		CHM 1210/L General Chemistry I with Lab & CHM 1220/L General Chemistry II with Lab
GLG 1130 Physical Geology		EES 2510 Earth Systems & EES 2550 Earth History
ENG 2230 Technical Report Writing		EGR 3350 Tech Comm for Engineers & Computer Scientists
MTH 2240 Multivariate Calculus		MTH 2320 Calculus III

By completing the Ohio Transfer Module at Clark State, students have met the distribution requirements for the Wright State Core, Including requirements for Core Integrated Writing courses and Multicultural Competence courses. Students will still need Wright State's EGR 3350, Technical Writing for Engineers, to complete Wright State's general education program.

Students may need to complete additional course work as required by the degree program then in effect. To earn the BSCEG degree, students must meet the current graduation requirements.