B.S. in Computer Science-Software Development, Northern Illinois University
1+1+2 Plan with Woodstock North High School

EARN ONE YEAR OF COLLEGE CREDIT WITH THESE DUAL CREDIT COURSES THAT ARE OFFERED AT YOUR HIGH SCHOOL *

COURSE	CLASS TITLE	APPLIES TO	CREDITS
BIO-110	INTRO HUMN BIOLOGY	IAI LIFE SCIENCE**	4
CHM-164	INTRO CHEMISTRY	IAI PHYSICAL SCIENCE	4
ENG-151	COMPOSITION I	IAI COMMUNICATIONS	3
ENG-152	COMPOSITION II	IAI COMMUNICATIONS	3
MUS-151	MUSIC APPRECIATION	IAI FINE ARTS	3
PSY-151	INTRO PSYCHOLOGY	IAI SOCIAL AND BEHAVIORAL SCIENCES	3
SPE-151	INTRO SPEECH	IAI COMMUNICATIONS	3
MAT-165	COLLEGE ALGEBRA W/ TRIGONOMETRY	MATH 155 TRIGONOMETRY (REQ TO TAKE MATH & CSC NEEDED FOR NIU)	3
HIS-170	U.S. HISTORY I	IAI SOCIAL AND BEHAVIORAL SCIENCES	3
IAI ELECTIVE	IAI ELECTIVE	IAI ELECTIVE***	3
Potential Credits Earned in HS			**32**

YEAR TWO AT MCHENRY COUNTY COLLEGE- Associate in Science (AS) recommended

SEMESTER 2			CREDITS
CSC 121	COMPUTER SCIENCE I	CSCI 240 INTRO TO C++ PROGRAMMING (NIU REQ)	4
MAT 171	CALCULUS FOR BUSINESS	MATH 211 CALCULUS FOR BUSINESS AND SOCIAL SCIENCE/ IAI MATHEMATICS (NIU REQ)	4
IAI PHYSICAL OR LIFE SCIENCE	IAI PHYSICAL OR LIFE SCIENCE	IAI PHYSICAL OR LIFE SCIENCE	3
IAI ELECTIVE	IAI ELECTIVE	IAI ELECTIVE	3
Total Credits			**14**

SEMESTER 3			
CSC 122	COMPUTER SCIENCE II	CSCI 241 INTERMEDIATE PROGRAMMING (NIU REQ)	4
MAT 220	STATISTICS	STAT 200 ELEMENTARY STATISTICS/IAI MATHEMATICS (NIU REQ)	4
MAT 251	DISCRETE MATH	MATH 206 INTRODUCTORY DISCRETE MATHEMATICS (NIU REQ)	3
IAI HUMANITIES	IAI HUMANITIES	IAI HUMANITIES	3
Total Credits			**14**

TOTAL SEMESTER HOURS COMPLETED AT MCC	60

MCC REQUIREMENTS	REQ CREDITS
IAI COMMUNICATIONS	9
IAI HUM/FINE ARTS	6
IAI SOC & BEHAV SCIENCES	6
IAI PHYSICAL & LIFE SCIENCES	11
IAI MATHEMATICS	6
GEN EDUC CORE	38
ELECTIVES (approximate)	22

***ELECTIVES CAN BE FULLFILLED THROUGH DUAL CREDIT COURSEWORK.

YEAR THREE AT UNIVERSITY CENTER

SEMESTER 1	CREDITS
CSCI 360 COMPUTER PROGRAMMING IN ASSEMBLER LANGUAGE	4
CSCI 466 DATABASES	4
ELECTIVES	6

Total Credits	14

SEMESTER 2	CREDITS
CSCI 330 UNIX AND NETWORK PROGRAMMING	4
CSCI 340 DATA STRUCTURES AND ALGORITH ANALYSIS	4
ELECTIVES	6
Total Credits	14

YEAR FOUR AT UNIVERSITY CENTER

SEMESTER 1	CREDITS
CSCI 463 COMPUTER ARCHITECTURE AND SYSTEMS ORGANIZATION	4
CSCI 467 INTRODUCTION TO SOFTWARE ENGINEERING	4
CSCI 400-LEVEL COMPUTER SCIENCE ELECTIVE	3
ELECTIVES	6
Total Credits	17

SEMESTER 2	CREDITS
CSCI 480 PRINCIPLES OF OPERATING SYSTEMS	4
CSCI 300-LEVEL COMPUTER SCIENCE ELECTIVE	3
CSCI 400-LEVEL COMPUTER SCIENCE ELECTIVE	3
ELECTIVES	6
Total Credits	16

TOTAL SEMESTER HOURS COMPLETED AT NIU	61

TOTAL SEMESTER HOURS FOR BS DEGREE COMPLETED	121

MCC is a participant in the **Illinois Articulation Initiative (IAI)**. This statewide agreement between many Illinois colleges and universities establishes a "package" of lower-division general education coursework accepted at all participating schools.

**IAI requirements based on what is offered in the high school, however students can take other courses that are offered as long as they meet the IAI requirement. Courses required for transfer are denoted on plan.

*Suggested courses are based on courses available in high school, however if student is unable to complete they can take at MCC before transferring to the university.