B.S. in Computer Science-Software Development, Northern Illinois University
1+1+2 Plan with Prairie Ridge 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
ENG-151	COMPOSITION I	IAI COMMUNICATIONS**	3
ENG-152	COMPOSITION II	IAI COMMUNICATIONS	3
HIS-170	U.S. HISTORY I	IAI SOCIAL AND BEHAVIORAL SCIENCES	3
PSY-151	INTRO PSYCHOLOGY	IAI SOCIAL AND BEHAVIORAL SCIENCES	3
SPE-151	INTRO SPEECH	IAI COMMUNICATIONS	3
MAT-171	CALCULUS FOR BUSINESS	MATH 211 CALCULUS FOR BUSINESS AND SOCIAL SCIENCE/ IAI MATHEMATICS (NIU REQ)	4
IAI ELECTIVE	IAI ELECTIVE	IAI ELECTIVE***	3
IAI ELECTIVE	IAI ELECTIVE	IAI ELECTIVE	3
Potential Credits Earned in HS			**25**

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

SEMESTER 1 (SUMMER)			CREDITS
MAT 161	COLLEGE ALGEBRA	MATH 110 COLLEGE ALGEBRA (REQ TO TAKE CSC 121 NEEDED FOR NIU)	3
IAI PHYSICAL OR LIFE SCIENCE	IAI PHYSICAL OR LIFE SCIENCE	IAI PHYSICAL OR LIFE SCIENCE	3
Total Credits			**6**

SEMESTER 2			CREDITS
CSC 121	COMPUTER SCIENCE I	CSCI 240 INTRO TO C++ PROGRAMMING (NIU REQ)	4
IAI HUMANITIES	IAI HUMANITIES	IAI HUMANITIES	3
IAI FINE ARTS	IAI FINE ARTS	IAI FINE ARTS	3
IAI LIFE SCIENCE	IAI LIFE SCIENCE	IAI LIFE SCIENCE	4
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 PHYSICAL SCIENCE	IAI PHYSICAL SCIENCE	IAI PHYSICAL SCIENCE	4
Total Credits			**15**

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.