

WESTERN MICHIGAN UNIVERSITY

College of Education and Human Development

Elementary/Middle Minors

Glen Oaks Community College Transfer Guide

LANGUAGE ARTS MINOR (32-33 Credit Hours- MTTC Subject Test #90) MUST COMPLETE COURSES WITH A "C" OR BETTER UNLESS OTHERWISE NOTED			ELEN
NOTES	REQUIRED COURSES	TRAN/SUB/GRADE	CR HR
	ENGL 1100 Literary Interpretation; (pre-req: ENGL 1050 with "B" or better);	ENG 110	4
Part of EL ED	* ENGL 3820 Lit, for the Young Child; (pre-req: 26+ hrs); Area II		4
	* ENGL 3830 Lit, Intermediate Reader; (pre-req: ENGL 1100.);		4
Part of EL ED	* ENGL 3690 Writing; Requires "CB" or better		4
Part of EL ED	* LS 3770 Literacy/Lang I; (pre or co- req: ED 3090 or 3100); Requires "CB" or better		3
Part of EL ED	* LS 3780 Literacy/Lang II; (pre-req: LS 3770); Requires "CB" or better		3
Part of EL ED	* ED 4300 Creativity in the Classroom; (pre-reqs: LS 3780; 6 hrs. in Fine arts); Requires "CB" or		3
	Area A: Select one course: ♦ See next page for course options		4
	Area B: Select one course: ● See next page for course options		3-4
Total Minor Credits Completed			32-33

MATH MINOR (23 Credit Hours- MTTC Subject Test #89) MINIMUM GPA OF 2.5 MUST BE OBTAINED IN MINOR			MHEN
NOTES	REQUIRED COURSES	TRAN/SUB/GRADE	CR HR
Part of EL ED	MATH 1500 Number Concepts; (pre-req: MATH 1100/placement); Requires "B" or better	MATH 105	4
Part of EL ED	MATH 1510 Geometry; (pre-req: MATH 1500 with "B" or better); Requires "B" or better		4
Part of EL ED	MATH 2650 Probability & Stats; (pre-req: MATH 1500 with "B" or better); Requires "B" or better		4
Part of EL ED	MATH 3520 Teaching Math; (pre-req: MATH 1510; 2650 – both with "B" or better); Requires "B" or better		3
See Elementary Math advisor before taking MATH 5531 & 5540	MATH 5531 Number Systems / Proportional Reasoning for Middle Grades Teachers; (pre-reqs: MATH 1500; 1510; 2650 – all with "B" or better); Requires "C" or better; Fall only		4
	MATH 5540 Functions and Modeling for Middle Grades Teachers; (pre-reqs: MATH 3520 with "B" or better; 5531 with "C" or better); Requires "C" or better; Spring only		4
Total Minor Credits Completed			23

INTEGRATED SCIENCE (29 Credit Hours- MTTC Subject Test #93) MUST COMPLETE COURSES WITH A "C" OR BETTER UNLESS OTHERWISE NOTED			ISEN
NOTES	REQUIRED COURSES	TRAN/SUB/GRADE	CR
Part of EL ED	BIOS 1700 Life Science for Non-Majors		3
	BIOS 2700 Everyday Biology: Cells		3
Part of EL ED	CHEM 2800 Active Chemistry		3
	CHEM 1100/1110 General Chemistry I with Lab; (pre-req: MATH 1110 or placement; Area VI	CHEM 133	4
Part of EL ED	GEOG 1900 Exploring Earth Science: The Atmosphere		3
Part of EL ED, Not ECH	GEOS 2900 Earth Systems: Issues & Applications		3
Part of EL ED	PHYS 1800 Physics: Inquiry and Insights		3
	PHYS 1040/1030 Sky & Solar System; (pre-req: Math 1100 or placement)	PHYS 144	4
Part of EL ED	ED 4010 Teaching Elementary School Science; (pre-reqs: ED 3090 or 3100; all science courses); must complete with "CB" or better		3
Total Minor Credits Completed			29

LANGUAGE ARTS MINOR COURSE ELECTIVES

MUST COMPLETE COURSES WITH "C" GRADE OR BETTER

◆ Area A and ● Area B Course Options

◆ Area A Select one course from the following:	TRAN/SUB/GRADE	CR HR
ENGL 2220 Lit/Cultures U.S.; Area III		4
ENGL 2230 Black American Lit; Area III		4
ENGL 4840 Multi-Cultural Amer Lit; Area III; (pre-req: ENGL 3820 or 3830)		4

● Area B Select one course from the following:	TRAN/SUB/GRADE	CR HR
TEL 5200 Linguistic Principles for ESL and Bilingual Education		3
ENGL 3770 Lang/Learning Multilingual; (pre-req: ENGL 3690)		3
ENGL 4720 Language Variation in American English		4