

ENGINEERING TECHNOLOGY

Kayla Luera
 Director of Outreach
 kayla.luera@fhnw.edu

FIRST YEAR

FIRST SEMESTER

COURSE #..... COURSE NAME..... CREDITS

EN 105.....	APP. OF ENGINEERING TECH.....	3
EN 105A.....	FUNDAMENTALS OF DRAFTING.....	2
EN 110.....	DRAFT 2D VIEWS AND DIM.....	2
EN 115.....	ENGINEERING TECHNOLOGY PROJ. I.....	2
EN 120A.....	CIVIL DRAFTING FUNDAMENTALS.....	2
EN 130.....	CAD FUNDAMENTALS.....	2

TOTAL SEMESTER CREDITS..... 13

SECOND SEMESTER

COURSE #..... COURSE NAME..... CREDITS

EN 101.....	OSHA 10.....	1
EN 107.....	INTRO TO UAS FLIGHT.....	1
EN 150.....	TOPOGRAPHIC TRIANGULATION.....	2
EN 160A.....	APP. OF SPATIAL REASONING IN ENG.....	2
EN 177.....	MECHANICAL CAD/CAM DRAFTING.....	2
EN 182.....	CAD DRAFTING MODELS.....	2
EN 185.....	CIVIL CAD FUNDAMENTALS.....	2
EN 190.....	BASIC SURVEYING WITH MATH.....	3

TOTAL SEMESTER CREDITS..... 14

SECOND YEAR

THIRD SEMESTER

COURSE #..... COURSE NAME..... CREDITS

EN 235.....	GEOGRAPHICAL INFO. SYSTEMS.....	2
EN 265.....	CIVIL PLANS & REGULATIONS.....	3
EN 210A.....	ENGINEERING TECH. PROJECTS II.....	3
EN 285.....	GLOBAL POSITIONING SYSTEMS.....	3

TOTAL SEMESTER CREDITS..... 11

FOURTH SEMESTER

COURSE #..... COURSE NAME..... CREDITS

EN 257.....	CIVIL DESIGN CAPSTONE.....	7
EN 275.....	CIVIL CAD ADVANCED PROCEDURES.....	3
EN 280A.....	OWE OR EN 281-SPECIAL PROJECTS.....	5

TOTAL SEMESTER CREDITS..... 15

***CLASSES LISTED IN **YELLOW** ARE NOT COVERED UNDER THE EXCEL IN CTE PROGRAM. THESE CLASSES WILL BE \$100 PER CREDIT HOUR.

AVERAGE ENTRY LEVEL WAGE FOR NT GRADUATES: \$38,000- \$60,000

ADDITIONAL CREDITS FOR AAS DEGREE (15 CREDITS)

COURSE NAME.....CREDITS

COLLEGE ALGEBRA.....	3
COMPUTER FUNDAMENTALS.....	3
ENGLISH COMPOSITION I.....	3
PERSONAL FINANCE.....	3
WORK PLACE ETHICS {ETHICS, PSY, SOC}.....	3

TOOLS

*** STUDENTS ARE REQUIRED TO PURCHASE A LAPTOP THROUGH THE PROGRAM FOR \$1400***
 (BOOKS, COURSE MATERIALS, SUPPLIES, AND EQUIPMENT)

NON-TIERED COURSE.....	CREDITS.....	COST
EN 115.....	2.....	\$200
EN 130.....	2.....	\$200
EN 210A.....	3.....	\$300
EN 281.....	5.....	\$500

EMPLOYMENT OPTIONS

- ✓ DESIGNER
- ✓ BRIDGE TECHNICIAN
- ✓ ROAD TECHNICIAN
- ✓ SURVEYOR
- ✓ ECT.

INSTRUCTORS

JONATHAN MCCLUNG
 jonathan.mcclung@fhnw.edu