



**BOOKSTORE  
COURSE SUPPLY LIST**

**FALL 2016**

# ACCOUNTING

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
ACCOUNTING PRINCIPALS I	EHNERT, KRISTINA	ACCT	000179	2011	20
	EHNERT, KRISTINA	ACCT	000180	2011	70

## REQUIRED:

BASIC CALCULATOR \$4.00-\$110.00

ANY SIZE GB/PEN DRIVE \$6.00-\$30.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
PAYROLL ACCOUNTING	OSTLUND, S.	ACCT	000012	2114	20

## REQUIRED:

BASIC CALCULATOR \$4.00-\$110.00

ANY SIZE GB/PEN DRIVE \$6.00-\$30.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INTERM ACCOUNTING I	OSTLUND, S.	ACCT	000013	2121	20

## REQUIRED:

BASIC CALCULATOR \$4.00-\$110.00

ANY SIZE GB/PEN DRIVE \$6.00-\$30.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
COST ACCUNTING 1	OSTLUND, S.	ACCT	000014	2161	70

## REQUIRED:

BASIC CALCULATOR \$4.00-\$110.00

ANY SIZE GB/PEN DRIVE \$6.00-\$30.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INCOME TAX	OSTLUND, S.	ACCT	000015	2165	20

## REQUIRED:

BASIC CALCULATOR \$4.00-\$110.00

ANY SIZE GB/PEN DRIVE \$6.00-\$30.00

# AMERICAN SIGN LANGUAGE

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
AMERICAN SIGN LANGUAGE I	MRZAEK, TANYA HOTING	AMSL	000016	1410	20
	MRZAEK, TANYA HOTING	AMSL	000017	1410	21

## REQUIRED:

EARPLUGS \$1.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
AMERICAN SIGN LANGUAGE III	MRZAEK, TANYA HOTING	AMSL	000018	2410	20

## REQUIRED:

EARPLUGS \$1.00

# ART

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>DRAWING</b>					
Instructor asks you to wait to make supply purchases until after the first day of class. NOTE: Financial aid charging ends August 26 please make your purchases before that date.	CASEY HOCHHALTER	ARTS	000025	1458	20

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

Derwent Graphic Pencil Pack HB, 2B, 4B, 6B	\$5.40
Derwent Fine Art Charcoal Pencil Pack	\$15.99
18 x 24" Drawing Pad <i>Newsprint 75 lb</i>	\$7.50
18x24" Newsprint Drawing Pad	
9 x 12" Sketchbook/Pad 100 sheets	\$6.58
Artgum Eraser	\$0.50
Kneaded Eraser	\$0.99
Removable Tape (PAINTERS BLUE)	\$6.75
Stonehenge Paper, 1-2 Sheets, 22x 30" (Not Needed Until Final)	\$3.19
Optional: Crystal Clear Permanent Spray Fixative	\$7.77
Optional: Art Portfolio 23 x 31	\$9.25
Optional: Ruler aluminum straight edge 24"	\$6.35
Optional: Blending Stump(s)	\$3.70

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>CERAMIC BEG HAND BLD</b>	CASEY HOCHHALTER		000028	1487	20

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

CCMFW Mid Fire White Cone 4-7 (25 lbs sells for \$11.50) Suggests: 100 lbs	\$11.50	(Amt depends on your project choices.)
9 x 12" Sketchbook/Pad	\$6.58	
Pottery Brush Bamboo	\$3.35	
Pottery Tool Kit	\$7.79	
Pottery Scraper S10 Steel	\$4.15	
Pottery Fetting Knife - Soft Blade	\$10.15	
Pottery Brush Hake	\$4.25	
Optional: Boxwood Clay Tools set of 10 8"		

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>CERAMIC BEGINNING THROW</b>	CASEY HOCHHALTER	ARTS	000029 000030	1488 1488	20 21

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

CCMFW Mid Fire White Cone 4-7 (25 lbs sells for \$11.50) Suggests: 100 lbs	\$11.50	(Amt depends on your project choices.)
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9 x 12" Sketchbook/Pad	\$6.58
Pottery Brush Bamboo	\$3.35
Pottery Tool Kit	\$7.79
SPCS Large Clean Up Sponge (no cellulose sponges)	\$3.00
TMUDC0 Green Mud Tool	\$11.67
TMUDR1 Red Mud Tool	\$11.67
<b>Optional:</b> Lid Master	\$18.68

# COLLEGE SUCCESS SKILLS

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
COLLEGE SUCCESS SKILLS	BETSY PICCIANO	CCST	000057	1510	70, 71

## OPTIONAL/ENCOURAGED SUPPLIES:

3-RING BINDER 2 INCH	\$10.00
USB Flash Drive	\$10.00-\$25.00
Schedule Planner	\$5.00
Highlighter	\$2.00
Resume Paper	\$3-\$6.00

**Optional:** Dictionary

COLLEGE SUCCESS SKILLS	KATHLEEN PORTER	CCST	000064	1530	63
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## REQUIRED SUPPLIES:

Resume Paper	\$3-\$6.00
USB Flash Drive	\$10.00-\$25.00

# DENTAL PROGRAMS

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
DENTAL PROGRAMS	JULIE MORGAN	DENT	ALL COURSES		
REQUIRED:	LEANN SCHOENLE				

Financial aide can be used to purchase scrubs from two vendors in the Brainerd area. If you are interested in using your financial aid for this purpose, a "scrub coupon" can be purchased at either the Brainerd or Staples Bookstores.

Brainerd Bookstore 218/829-8248

Staples Bookstore 218/894-5109

SCRUBS ARE REQUIRED (see instructor)

No specific brand.

**Colors:** NO Red, NO White any other color is accepted.

**Items:**

1. 1-Lab Coat: solid color, snaps or buttons to the neckline (color coordinate with printed top and solid color pant)
2. 1-Pant: solid color, same color as the lab coat
3. 1-Top: Printed or solid color scrub top **must coordinate color with pant.**

# COMPUTER TECHNOLOGIES

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
COMPUTER FUNDAMENTALS	TBA	COMP	000221	1101	60

## REQUIRED:

8 GB DRIVE OR LARGER \$8.00-\$21.00

MICROSOFT OFFICE 2016 PROFESSIONAL OR  
MICROSOFT OFFICE 365 \$79.95

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INTRO TO OP SYSTEMS	RON HOULE	COMP	000223	1109	20
<b>REQUIRED:</b>			000224	1109	70

8 GB DRIVE OR LARGER \$8.00-\$21.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INTRO TO COMPUTER APPLICATIONS	DAR HOULE	COMP	000225	1120	20
	DAR HOULE	COMP	000226	1120	21
<b>REQUIRED:</b>			000227	1120	70

8 GB DRIVE OR LARGER \$8.00-\$21.00

MICROSOFT OFFICE 2016 PROFESSIONAL OR  
MICROSOFT OFFICE 365 \$79.95

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
ADVANCED COMPUTER APPS	RON HOULE	COMP	000228	1121	70

## REQUIRED:

8 GB DRIVE OR LARGER \$8.00-\$21.00

MICROSOFT OFFICE 2016 PROFESSIONAL OR  
MICROSOFT OFFICE 365 \$79.95

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
MS WORD COMPREHENSIVCE	DAR HOULE	COMP	000231	1131	70

## REQUIRED:

8 GB DRIVE OR LARGER \$8.00-\$21.00

MICROSOFT OFFICE 2016 PROFESSIONAL OR  
MICROSOFT OFFICE 365 \$79.95

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
MS EXCEL COMPREHENSIVE	DAR HOULE	COMP	000232	1135	70

## REQUIRED:

8 GB DRIVE OR LARGER \$8.00-\$21.00



MICROSOFT OFFICE 2016 PROFESSIONAL OR  
MICROSOFT OFFICE 365

\$79.95

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
COMPUTER REPAIR I	CHARLES LUND	COMP	000233	1204	20
<b>REQUIRED:</b>	CHARLES LUND	COMP	000234	1204	70

**Note: Computer Repair Online do not need the tool kit or the wrist strap.**

36 PIECE BELKIN TOOL KIT W/ESD WRIST

STRAP

\$30.00

USB FLASH DRIVE

\$8.00-\$21.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
ETHICS IN INFO TECH	DAR HOULE	COMP	000242	2160	70
<b>REQUIRED:</b>					

8 GB DRIVE OR LARGER

\$8.00-\$21.00

# DIESEL & HEAVY EQUIPMENT TECHNOLOGIES

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
ELECTRICAL THEORY	PAUL ZIMMERMAN	DHET	000092	1107	60

### REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

MILTI METER EM710	\$180.00
AMP CLAMP EM110	\$135.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
ENGINE THEORY	PAUL ZIMMERMAN	DHET	000094	1117	60

### REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

3 RING BINDER 2' BLACK D-RING	\$8.14
RULER 12" METRIC & STN	\$2.59
PAGE DIVIDERS	\$1.25
CLIP BOARD	\$2.49
YELLOW PAINT PENS	\$1.30
WHITE PAINT PENS	\$1.30

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
HYDRAULIC THEORY	JEFF KLEHR	DHET	000096	1125	60

### REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

3 RING BINDER 2' BLACK D-RING	\$8.14
RULER 12" METRIC AND SEA	\$2.59
PAGE DIVIDERS	\$1.25
CLIP BOARD	\$2.49
YELLOW PAINT PENS	\$1.30
WHITE PAINT PENS	\$1.30
6" RULER 8TH, 16TH, 32ND	\$2.29

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
POWER TRAIN THEORY	JEFF KLEHR	DHET	000098	1128	60

### REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

3 RING BINDER 2' BLACK D-RING	\$8.14
RULER 12" METRIC AND SEA	\$2.59
PAGE DIVIDERS	\$1.25
CLIP BOARD	\$2.49
YELLOW PAINT PENS	\$1.30
WHITE PAINT PENS	\$1.30
6" RULER 8TH, 16TH, 32ND	\$2.29

# ENGINEERING

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
STATISTICS	YOSHINAO HIRAI	ENGR	000114	1500	20
REQUIRED:	BOB ZBIKOWSKI		000115	2548	20

SCIENTIFIC CALCULATOR See below....

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
CIRCUIT ANALYSIS I	BOB ZBIKOWSKI	ENGR	000116	2569	20
REQUIRED:					

For ENGR 1500 (if not in Engineering AS program):  
(any editions)

For ENGR 1500 (if in Engineering AS program): A programmable graphing calculator such as  
TI Voyage 200

# GRAPHIC DESIGN

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
CONCEPTS OF DESIGN	LEON DAHLVANG	GDES	000286	1105	20
	LEON DAHLVANG	GDES	000572	1105	21
INTRO ADOBE CREATIVE	LEON DAHLVANG	GDES	000287	1126	20
	LEON DAHLVANG	GDES	000577	1126	21
TYPOGRAPHY	RICK JENSEN	GDES	000288	1134	20
GRAPHIC DESIGNS I	LEON DAHLVANG	GDES	000289	2100	20
PACKAGING	MIKE VOGT	GDES	000290	2120	20
MEDIA PRODUCTION *	LEON DAHLVANG	GDES	000291	2130	20
DESIGNS IN SOCIAL MEDIA - SPECIAL TOPICS	LEON DAHLVANG	GDES	000292	2132	20

**(before making your purchase please contact the instructor - if taking multiples or single classes, you may not be required to purchase computer)**

Not sold in CLC Bookstore, but required to take the class:

15 inch MacBook Pro w/Retina display (\$2299)

2.5 ghz quad core intel Core i7 Turbo Boost up to 3.7GHz; 16GB 1600MHz DDR3L SDRAM;

512GB PCIe-based Flash Storage, Intel Iris Pro Graphics + AMD Radeon R9 M370X W/2GB

GDDRS MEMORY, Force Touch track pad, Accessory Kit,

Backlight Keyboard(English& USER'S GUIDE)

Apple Care Protection Plan for MacBook (\$239)

13 inch MacBook Pro w/Retina display (\$1641)

2.7 ghz dual core intel Core i5 Turbo Boost up to 3.1GHz; 16GB 1866MHz LPDDR3 SDRAM;

128 GB PCIe-based Flash Storage; Intel Iris Graphics 6100, Force Touch Trackpad

Backlight Keyboard, Accessory Kit

Apple Care Protection Plan for MacBook Pro(\$183)

<http://store.apple.com/us-hed>

Magic Mouse 2 (wireless) is \$79.

<http://www.apple.com/us-hed/shop/product/MLA02LL/A/magic-mouse-2>

Adobe Creative Cloud \$19.99/month - \$239.88/first year through Adobe.com.

<https://store1.adobe.com/cfusion/store/html/index.cfm?event=displayProduct&categoryOID=7335802&store=OLS-EDU>

Scor-tape 1/8 or 1/4 inch wide -

movable and fixed

\$5.00

Black Board (4-6)

\$1.00-\$15.00

Tag Board (2-4)	\$1.00-\$15.00
Color Wheel	\$5.00-\$15.00
3 Ring Binder (1.5 - 2")	\$5.00-\$15.00
8.5 x 11 Sheet Protectors (50pak)	\$5.00-\$15.00
18" Metal Ruler with cork back	\$7.00-\$10.00
Exacto Knife and Blades	\$5.00
8.5 x 11 (or comparable) Sketch Pad	\$5.00-\$15.00
Sharpee markers - black, red, blue, orange, green	\$5.00-\$10.00
Highlighters - yellow or orange	\$1:00-\$3.00
Thunderbolt 1 TB Portable Hard Drive	\$200-\$250
<b>Optional:</b> Thunderbolt adapter to firewire 800	TBA
<b>Optional:</b> Perforator Tool Set	\$10.00-\$15.00
<b>Medio Production only:</b> Need Apple Motion Software - not carried in the bookstore. \$49.99	

# HEAVY EQUIPMENT & MAINTENANCE OPERATIONS

## FALL SEMESTER

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>MATH/ESTIMATING</b>	COREY UHRICH	HEOM	000523	1108	60

### REQUIRED:

Calculator (square root key required)	\$10.00
100 ft. Tape Measure 10th/100th ft./inches	\$23.00
6 ft. Engineer Folding Ruler 10th/100th ft./inches	\$19.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>PREVENTIVE MAINTENANCE</b>	JOHN MELESKI	HEOM	000506	1110	66

### REQUIRED:

Note: Purchase only one set of keys.

Safety Glasses	\$3.00-\$10.00
Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu	\$26.55
Tool per HEOM program	Not sold in the bookstore.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>INTRODUCTION TO OPERATIONS</b>	COREY UHRICH	HEOM	000509	1200	55

### REQUIRED:

Note: Purchase only one set of keys.

Safety Glasses	\$3.00-\$10.00
Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu	\$26.55
Grease Gun (per program tool list)	Not sold in the bookstore.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>SERVICING I</b>	TBA	HEOM	000512	1211	60

### REQUIRED:

Note: Purchase only one set of keys.

Safety Glasses	\$3.00-\$10.00
Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu	\$26.55
Tool per HEOM program	Not sold in the bookstore.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>SERVICING II</b>	TBA	HEOM	000513	1212	66

### REQUIRED:

Note: Purchase only one set of keys.

Safety Glasses	\$3.00-\$10.00
Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu	\$26.55
Tool per HEOM program	Not sold in the bookstore.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>SURVEY/BLEUPRINTS</b>	MICHAEL SAMS	HEOM	000514	2102	66

### REQUIRED:

Eye Level	\$100.00
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DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>GRADING LAB I</b>	MICHAEL SAMS	HEOM	000518	2136	63

### REQUIRED:

Note: Purchase only one set of keys.

Eye Level	\$100.00
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100 ft. Tape Measure 10th/100th ft./inches	\$23.00
6 ft. Engineer Folding Ruler 10th/100th ft./inches	\$19.00
Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu	\$26.55

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
GRADING LAB II	MICHAEL SAMS	HEOM	000056	2141	64
<b>REQUIRED:</b>	Note: Purchase only one set of keys.				

Eye Level	\$100.00
100 ft. Tape Measure 10th/100th ft./inches	\$23.00
6 ft. Engineer Folding Ruler 10th/100th ft./inches	\$19.00
Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu	\$26.55

# HEAVY EQUIPMENT & MAINTENANCE OPERATIONS

## WINTER SEMESTER

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>MATH/ESTIMATING</b>	COREY UHRICH	HEOM	000523	1108	50

### REQUIRED:

Calculator (square root key required) \$10.00

100 ft. Tape Measure 10th/100th ft./inches \$23.00

6 ft. Engineer Folding Ruler  
10th/100th ft./inches \$19.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>PREVENTIVE MAINTENANCE</b>	JOHN MALESKI	HEOM	000524	1110	50

### REQUIRED:

Safety Glasses \$3.00-\$10.00

Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu \$26.55

Tool per HEOM program Not sold in the bookstore.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
<b>SERVICING I</b>	GORDON VIERKANT	HEOM	0000525	1211	50

### REQUIRED:

Safety Glasses \$3.00-\$10.00

Equipment Keys Packet includes: 1 Case (Titan Machinery), 2 CAT Keys, 1 John Deere, 1 Komatsu \$26.55

Tool per HEOM program Not sold in the bookstore.



# HEALTH ADMINISTRATIVE SPECIALIST (HINS)

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
MEDICAL TERMINOLOGY	SUSAN BREMER	HINS	000278	1360	70
REQUIRED:			000100	1360	71

Digital Recorder required

(students can use smartphones for recording)

\$45.00-\$60.00

# HORTICULTURE

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
LANDSCAPE DESIGN	THERI WASNIEWSKI	HORT	000172	2165	20

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

AMES LETTERING GUIDE	\$2.19
ARCHITECT'S SCALE (TRIANGULAR RULER)	\$3.95
BOW COMPASS	\$8.99
CIRCLE TEMPLATE (1/6 TO 2")	\$5.75
DRAFTING BRUSH	\$3.21
DRAFTING TAPE	\$2.95
DRAWING BOARD 20x26"	\$52.00
ERASER SHIELD	\$1.09
ERASER, VINYL	\$0.50
FRENCH CURVE	\$5.99
PEN BLACK BALLPOINT (ROLLING BALL)	Any pen with rolling ball.
PROTRACTOR	\$0.85
SHARPIE MARKER EXTRA FINE PT BLACK	\$1.00
SHARPIE MARKER FINE PT BLACK	\$1.00
TRIANGLE 30/60 8" ALVIN	\$2.00
TRIANGLE 45/90 6" ALVIN	\$2.00
T-SQUARE 24" ALUMINUM	\$7.99

## CHOOSE ONE:

ROTARY LEAD POINTER HOLDER	\$4.99
ROTARY LEAD POINTER	\$5.80
ROTARY LEAD	\$1.49

## OR

DRAWING PENCILS(1 EACH): HB, 2H, 2B	\$.99-\$1.35
PENCIL SHARPENER	\$1.50-\$2.00

# MARINE AND SMALL ENGINE

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
BASIC ENGINES	PAUL HOFFMANN	MASE	000375	1101	20
BASIC ENGINES LAB	PAUL HOFFMANN	MASE	000376	1103	20
LAWN AND GARDEN	PAUL HOFFMANN	MASE	000377	1120	20
SNOWMOBILE SYSTEM AND LAB	PAUL HOFFMANN	MASE	000378	1140	20
MACHINE SHOP	PAUL HOFFMANN	MASE	000383	2169	20

## REQUIRED:

SAFETY GLASSES	\$10.00
BLACK PERMANENT MARKER (No fine Point.)	\$1.00-\$2.50

# MATH

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
FUNDAMENTALS OF MATH	YOSHINAO HIRAI	MATH	000476	0800	20
<b>REQUIRED:</b>	PAM PRUITT		000477	0800	70

TI 30 IIS CALCULATOR (Course requires basic scientific calculator. Graphics are not required for this class.)

\$15.00-\$100.00

TI-84 GRAPHING CALCULATOR \$100.00-\$250.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
MATH PATHWAYS	PAMELA PRUITT	MATH	000478	0810	20
<b>REQUIRED:</b>		MATH	000479	0810	70

TI 30 IIS CALCULATOR (Course requires basic scientific calculator. Graphics are not required for this class.)

\$15.00-\$100.00

TI 83 OR TI83 Graphing Calculator \$100.00-\$250.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INTERMEDIATE ALGEBRA	DAN BJERJA	MATH	000480	0820	20
<b>REQUIRED:</b>	ROGER PICKERING	MATH	000481	0820	21
	DAN BJERJA	MATH	000482	0820	70

TI 30 IIS CALCULATOR (Course requires basic scientific calculator. Graphics are not required for this class.)

\$15.00-\$100.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
CONCEPTS OF MATH	PAMELA PRUITT	MATH	000483	1441	70
<b>REQUIRED:</b>					

TI-84 GRAPHING CALCULATOR \$100.00-\$250.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INTRO TO STATISTICS	KATIE SMIEJA	MATH	000484	1460	20
<b>REQUIRED:</b>	MAMFE OSAFO	MATH	000485	1460	70

TI-84 GRAPHING CALCULATOR \$100.00-\$250.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
COLLEGE ALGEBRA	ROGER PICKERING	MATH	000486	1470	20
<b>REQUIRED:</b>	MAMFE OSAFO		000487	1470	70
	MAMFE OSAFO		000488	1470	71(e-college)

TI-84 GRAPHING CALCULATOR \$100.00-\$250.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
PRECALCULUS	MAMFE OSAFO	MATH	000000489	1472	70
<b>REQUIRED:</b>					

ANY GRAPHING CALCULATOR \$100.00-\$150.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
CALCULUS I	ROGER PICKERING	MATH	000490	1477	20
<b>REQUIRED:</b>					

TI84 GRAPHING CALCULATOR \$100.00-\$150.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
HONORS CALCULUS I	ROGER PICKERING	MATH	000491	1480	20

**REQUIRED:**

TI84 GRAPHING CALCULATOR

\$100.00-\$150.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
APPLIED MATH	SANDY PORTER	MATH	000494	1500	22
			000495	1500	60
			000496	1500	61
			000497	1500	62
			000527	1500	63
			000492	1500	20
			000493	1500	21

**REQUIRED:**

CASIO FX-115MS PLUS

\$15.00-25.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
MATH FOR ELEMENTARY	JACKIE LINDQUIST	MATH	000498	1510	70

**REQUIRED:**

TI 30 IIS CALCULATOR (Course requires basic scientific calculator. Graphics are not required for this class.)

\$15.00-25.00

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
Intro to College Algebra	DAN BJERGA	MATH	000499	1520	20
		MATH	000500	1520	70
		MATH	000501	1520	71(e-college)

**REQUIRED:**

TI-83 or TI-84 GRAPHING

\$100.00-\$250.00

# MEDICAL ASSISTANT

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
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MEDA

DAWN MICHAL

MEDA

ALL COURSES

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

**Note: None of these supplies are needed for the Phlebotomy class.**

WATCH WITH SECOND HAND

\$7.25

STETHOSCOPE

\$101.64

Financial aide can be used to purchase scrubs from two vendors in the Brainerd area.

If you are interested in using your financial aid for this purpose, a "scrub coupon" can be purchased at either the Brainerd or Staples Bookstores.

## SCRUBS:

No specific brand.

### Colors: Navy or Pewter

1-Scrub jacket: solid color, snaps up front, rounded neckline, knit cuffs.

2- Pants: solid color, same as scrub jacket, no prints, either cargo or utility style ONLY.

2-Scrub tops: matching color of the pants & jacket or coordinating print.

**White leather or vinyl shoes are required but not sold in the bookstore.**

# MACHINE TRADES

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
	RONN REDEMSKE	MTRD	ALL COURSES		

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

WIPER RAGS (box of 100)	\$7.50
DIAL CALIPER 6"	\$43.69
EDGEFINDER SINGLE 38 MECHANICAL	\$29.56
PARALLEL SET 1/8" PAIR SET	\$67.50
RULER 6" STAINLESS	\$8.46

## UNIFORM SHIRT:

Financial aide can be used to purchase required unifom shirts from Northwoods Embroidery.

If you are interested in using your financial aid for this purpose, a "MSDA Shirt coupon" can be purchased at the Staples Bookstore. **The cost of the shirt coupon is: \$24 (one shirt).**

Or you can wait until the first week of school and purchase directly from Northwoods Embroidery with cash or credit card.

**The shirt vendor will be scheduled during class time to take measurements.**

If you need more information please contact Ronn Redemske, Instructor.

# NATURAL RESOURCES

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
LAND MEASUREMENT	KENT MONTGOMERY	NATR	000267	1112	20

## REQUIRED:

POCKET MAGNIFIER 5 X 10 X FOLDING	\$4.75	optional
ENGINEER'S SCALE	\$4.89	
LAND MEASURE COMPASS	\$5.99	
ACREAGE SCALE	\$4.25	
SILVA RANGER COMPASS	\$49.99	

Prices are approximate, may change slightly as new orders arrive.



# NURSING ASSISTANT

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
NURSING ASSISTANT	KRISTINE JANDL	NSGA	000839	1110	20

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

Nursing Assistant Kit	\$16.00
EXAM GLOVES PER BOX	\$5.25
WATCH WITH SECOND HAND	\$7.25
LONG TERM CARE TEXTBOOK (3 Ring binder book)	\$46.00

## SCRUBS ARE REQUIRED

Financial aide can be used to purchase scrubs from two vendors in the Brainerd area.

If you are interested in using your financial aid for this purpose, a "scrub coupon" can be purchased at either the Brainerd or Staples Bookstores.

Brainerd Bookstore 218/829-8248

Staples Bookstore 218/894-5109

## SCRUBS:

No specific brand required.

## Colors: Navy Blue only

1-Pant: solid Navy Blue

1-Top: solid Navy Blue

# NURSING PROFESSIONAL PRACTICUM

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
PROF NURSING	ALL INSTRUCTORS	NURS	ALL	ALL	ALL

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

WATCH WITH SECOND HAND	\$7.25
STETHOSCOPE	\$101.64
BANDAGE SCISSOR	\$6.45
CARPUJECT	\$0.10

## SCRUBS ARE REQUIRED

Financial aide can be used to purchase scrubs from two vendors in the Brainerd area.

If you are interested in using your financial aid for this purpose, a "scrub coupon" can be purchased at either the Brainerd or Staples Bookstores.

Brainerd Bookstore 218/829-8248

Staples Bookstore 218/894-5109

## SCRUBS:

No specific brand required.

### Colors: Black and White

1-Lab Coat (Contact faculty or Director of Nursing with questions.)

1-Pant: solid black

1-Top: solid white (Contact faculty or Director of Nursing with questions.)

LAB COAT & TOP must have CLC Logo

patch. Sew-on/Iron-on patches are available in the bookstore.

\$4.75

# PHYSICAL EDUCATION

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
BEGINNING YOGA	JANE PETERSON	PHED	000343	1512	20
	SANDRA KAPLAN	PHED	000344	1512	22
	JANE PETERSON	PHED	000346	1516	20
	JANE PETERSON	PHED	000347	1516	21

## REQUIRED:

Yoga Mat                   \$                   22.95

# PHYSICS

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
CLASSICAL PHYSICS I	YOSHINAO HIRAI	PHYS	000364	1401	20
REQUIRED:			000365	1411	20

SCIENTIFIC CALCULATOR (TI84)                      \$125.00-\$150.00

OR you can purchase one of the following....bookstore does not carry them.

All physics courses require a scientific calculator.

See first the recommended models based on the major field of study.

●          Physics and/or math majors:

- A programmable graphing calculator—TI-Nspire (CAS models), HP Prime, HP 50g, TI-89 Titanium, Voyage 200, or similar product

●        All Engineering majors:

- TI Voyage 200 (Recommended by the Engineering Instructor Bob Zbikowski)

●        Physical science majors:

- A graphing calculator—At minimum TI-84 Plus (any model), Sharp EL-9950, CASIO FX-9860GII(S), more advanced calculators, or similar product. See also the list for physics majors

●       Technology and Technical program majors:

- A graphing or scientific calculator (depends on the program)—TI-84 Plus (any model) or similar product, CASIO FX-9750GII or similar product, Sharp EL-W506(X) or similar product, TI-36X Pro or similar product.

If your intended major does not fit in any on the list above, choose one in the list below

●        PHYS 1411 & 1412 (Classical Physics I & II):

- At minimum TI-84 Plus (any model) or similar product
- Preferably a programmable calculator such as TI-Nspire (CAS models), HP Prime, HP 50g, or TI-89 Titanium.

●        PHYS 1401 & 1402 (College Physics I & II):

- TI-84 Plus (any model) or similar product
- See also the list for physical science majors

●        PHYS 1407 (Principles of Physics):

- A scientific calculator with solver function such as Sharp EL-W506(X) or TI-36X Pro
- See also the list for Technology and Technical program majors

●        PHYS 1430 (Concepts of Physics):

- A scientific calculator with solver function such as TI-36X Pro or Sharp EL-520X

# PHOTO TECHNOLOGY

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
PHOTO TECHNOLOGY	MICHAEL VOGT	PHIM	000580	1126	20
<b>REQUIRED:</b>					

**(before making your purchase please contact the instructor - if taking multiples or single classes, you may not be required to purchase computer)**

Not sold in CLC Bookstore, but required to take the class:

15 inch MacBook Pro w/Retina display (\$2299)

2.5 ghz quad core intel Core i7 Turbo Boost up to 3.7GHz; 16GB 1600MHz DDR3L SDRAM;  
512GB PCIe-based Flash Storage, Intel Iris Pro Graphics + AMD Radeon R9 M370X W/2GB  
GDDRS MEMORY, Force Touch track pad, Accessory Kit,

Backlight Keyboard(English& USER'S GUIDE)

Apple Care Protection Plan for MacBook (\$239)

13 inch MacBook Pro w/Retina display (\$1641)

2.7 ghz dual core intel Core i5 Turbo Boost up to 3.1GHz; 16GB 1866MHz LPDDR3 SDRAM;  
128 GB PCIe-based Flash Storage; Intel Iris Graphics 6100, Force Touch Trackpad

Backlight Keyboard, Accessory Kit

Apple Care Protection Plan for MacBook Pro(\$183)

<http://store.apple.com/us-hed>

Magic Mouse 2 (wireless) is \$79.

<http://www.apple.com/us-hed/shop/product/MLA02LL/A/magic-mouse-2>

Adobe Creative Cloud \$19.99/month - \$239.88/first year through Adobe.com.

<https://store1.adobe.com/cfusion/store/html/index.cfm?event=displayProduct&categoryOID=7335802&store=OLS-EDU>

# PRACTICAL NURSING

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
PRACTICAL NURSING	ALL INSTRUCTORS	PNUR	ALL	ALL	ALL

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

WATCH WITH SECOND HAND	\$7.25
STETHOSCOPE	\$101.64
BANDAGE SCISSOR	\$6.45

## SCRUBS ARE REQUIRED

Financial aide can be used to purchase scrubs from two vendors in the Brainerd area.

If you are interested in using your financial aid for this purpose, a "scrub coupon" can be purchased at either the Brainerd or Staples Bookstores.

Brainerd Bookstore 218/829-8248

Staples Bookstore 218/894-5109

## SCRUBS:

No specific brand required.

### Colors: Black and White

1-Lab Coat (Contact faculty or Director of Nursing with questions.)

1-Pant: solid black

1-Top: solid white (Contact faculty or Director of Nursing with questions.)

LAB COAT & TOP must have CLC

Logo patch. Sew-on/Iron-on patches are available in the bookstore.

\$4.75

# ROBOTICS

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
INDUSTRIAL ELECTRONICS	NATE PETERSON	RAST	000418	1101	60

## REQUIRED:

CALCULATOR CASIO FX-115MS

\$24.95

Prices are approximate, may change slightly as new orders arrive.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
COMP IN INDUSTRY	NATE PETERSON	RAST	000421	1109	60

## REQUIRED:

USB MEMORY DEVICE

\$8.00-\$15.00

Prices are approximate, may change slightly as new orders arrive.

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
LAB	NATE PETERSON	RAST	000426	1111	60

## REQUIRED:

COMPONENT KIT

\$149.18

SOLDER KIT

\$71.00

MULTIMETER FLUKE

\$271.00

Prices are approximate, may change slightly as new orders arrive.

# VIDEO PRODUCTION

DESCRIPTION	INSTRUCTOR	DEPT	CRS ID#	CRS #	SECTION #
VIDEO EDITING WORKFLOW	MARK AMBROZ	VPRO	000391	1110	20
VIDEO PRODUCTION	MARK AMBROZ	VPRO	000394	2104	20

## REQUIRED:

Prices are approximate, may change slightly as new orders arrive.

(before making your purchase please contact the instructor - if taking multiples or single classes, you may not be required to purchase computer)

Not sold in CLC Bookstore, but required to take the class:

15 inch MacBook Pro w/Retina display (\$2299)

2.5 ghz quad core intel Core i7 Turbo Boost up to 3.7GHz; 16GB 1600MHz DDR3L SDRAM; 512GB PCIe-based Flash Storage, Intel Iris Pro Graphics + AMD Radeon R9 M370X W/2GB

GDDRS MEMORY, Force Touch track pad, Accessory Kit,

Backlight Keyboard(English& USER'S GUIDE)

Apple Care Protection Plan for MacBook (\$239)

13 inch MacBook Pro w/Retina display (\$1641)

2.7 ghz dual core intel Core i5 Turbo Boost up to 3.1GHz; 16GB 1866MHz LPDDR3 SDRAM;

128 GB PCIe-based Flash Storage; Intel Iris Graphics 6100, Force Touch Trackpad

Backlight Keyboard, Accessory Kit

Apple Care Protection Plan for MacBook Pro(\$183)

<http://store.apple.com/us-hed>

Magic Mouse 2 (wireless) is \$79.

<http://www.apple.com/us-hed/shop/product/MLA02LL/A/magic-mouse-2>

Adobe Creative Cloud \$19.99/month - \$239.88/first year through Adobe.com.

<https://store1.adobe.com/cfusion/store/html/index.cfm?event=displayProduct&categoryOID=7335802&store=OLS-EDU>

### Available for purchase at CLC bookstores:

Thunderbolt 1 TB Portable Hard

Drive \$150.00-\$250.00

**Optional:** Thunderbolt adapter

to firewire 800 \$150.00-\$250.00