

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
ACCTG-151-B1	Accounting Principles	4	4
ACCTG-151-L1	Accounting Principles	4	4
ACCTG-151-L2	Accounting Principles	4	4
ACCTG-151-L3	Accounting Principles	4	4
ACCTG-152-B1	Accounting Principles	4	4
ACCTG-152-L1	Accounting Principles	4	4
ACCTG-152-L2	Accounting Principles	4	4
ACCTG-205-L1	Micro Accounting II	3	3
ACCTG-220-L1	Payroll Accounting	3	3
ACCTG-251-I1	Intermediate Accounting I	4	4
ACCTG-252-L1	Cost Accounting	4	4
ACCTG-254-L1	Intermediate Accounting II	4	4
ANTHR-152-01	Intro to Cultural Anthropology	3	3
ANTHR-152-L1	Intro to Cultural Anthropology	3	3
ANTHR-152-L2	Intro to Cultural Anthropology	3	3
ANTHR-152-L3	Intro to Cultural Anthropology	3	3
ANTHR-165-01	Eastern North Am Archaeology	3	3
ART-151-B1	Art Fundamentals	3	6
ART-155-L1	Art Appreciation	3	3
ART-170-01	Life Drawing	3	6
ART-180-01	Drawing I	3	6
ART-181-01	Drawing II	3	3
ART-270-01	Ceramics I	3	6
ART-271-01	Ceramics II	3	3
ART-272-01	Ceramics III	3	3
ART-273-01	Ceramics IV	3	3
AST-103-B1	Electrical Systems II	4	5
AST-120-01	Brake Systems	4	6
AST-125-01	Steering and Suspension	4	7
AST-203-01	Engine Performance II	4	7
ASTRN-151-B1	Introduction to Astronomy	4	4
ASTRN-151-L1	Introduction to Astronomy	4	4
AUTO-102-B1	Automotive Electricity	4	6
AUTO-103-01	Fuel & Emission Cntrl Systems	4	6
AUTO-105-01	Automotive Transmissions	3	4
AUTO-107-01	Automotive Chassis Units	4	6
AUTO-114-01	Auto Instrumentation/Testing	4	6
BIOL-151-01	Biological Sciences I	4	6
BIOL-151-B1	Biological Sciences I	4	6
BIOL-151-L1	Biological Sciences I	4	6
BIOL-151-L2	Biological Sciences I	4	6
BIOL-151-L3	Biological Sciences I	4	6
BIOL-151-L4	Biological Sciences I	4	6

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
BIOL-151-L5	Biological Sciences I	4	6
BIOL-151-L6	Biological Sciences I	4	6
BIOL-151-L7	Biological Sciences I	4	6
BIOL-153-L1	Biological Sciences II	4	6
BIOL-156-B1	Intro to Environmental Science	4	6
BIOL-156-L1	Intro to Environmental Science	4	6
BIOL-257-L1	Anatomy & Physiology I	4	6
BIOL-257-L2	Anatomy & Physiology I	4	6
BIOL-257-L3	Anatomy & Physiology I	4	6
BIOL-257-L4	Anatomy & Physiology I	4	6
BIOL-258-L1	Anatomy & Physiology II	4	6
BIOL-258-L2	Anatomy & Physiology II	4	6
BIOL-258-L3	Anatomy & Physiology II	4	6
BIOL-260-B1	General Microbiology	4	6
BMGT-160-L1	Manage in Digital Enterprise	3	3
BMGT-160-L2	Manage in Digital Enterprise	3	3
BMGT-201-B1	Principles of Management	3	3
BMGT-201-L1	Principles of Management	3	3
BMGT-201-L2	Principles of Management	3	3
BMGT-202-B1	Business Comm in Digital Age	3	3
BMGT-202-L1	Business Comm in Digital Age	3	3
BMGT-220-L1	International Business	3	3
BMGT-251-I1	Human Resource Management	4	4
BSLW-251-01	Business Law	4	4
BUSAD-151-B1	Introduction to Business	4	4
BUSAD-151-L1	Introduction to Business	4	4
BUSAD-151-L2	Introduction to Business	4	4
BUSAD-151-L3	Introduction to Business	4	4
BUSAD-170-L1	Small Business and Entrep	3	3
CAFE-205-01	Restaurant Cooking	4	6
CAFE-207-01	Restaurant Design and Mgmt	3	3
CAFE-219-01	Beverages in Foodservice	2	2
CHEM-150-01	Fund Principles of Chemistry	4	6
CHEM-150-L1	Fund Principles of Chemistry	4	6
CHEM-151-L1	General College Chemistry I	4	6
CHEM-151-L2	General College Chemistry I	4	6
CHEM-152-B1	General College Chemistry II	4	6
CHEM-155-L1	Chemistry and Society	4	5
CIS-109-L1	Spreadsheet Software	3	3
CIS-109-L2	Spreadsheet Software	3	3
CIS-112-L1	Database Software	3	3
CIS-114-L1	Advanced Word Processing	3	3
CIS-130-01	Introduction to CIS	3	3

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
CIS-130-02	Introduction to CIS	3	3
CIS-130-03	Introduction to CIS	3	3
CIS-130-04	Introduction to CIS	3	3
CIS-130-L1	Introduction to CIS	3	3
CIS-130-L2	Introduction to CIS	3	3
CIS-130-L3	Introduction to CIS	3	3
CIS-130-L4	Introduction to CIS	3	3
CIS-130-L5	Introduction to CIS	3	3
CIS-130-L6	Introduction to CIS	3	3
CIS-130-L7	Introduction to CIS	3	3
CIS-130-L8	Introduction to CIS	3	3
CIS-153-L1	Desktop App Development	3	3
CIS-167-01	Discrete Structures	4	4
CIS-178-B1	Design Concepts	4	4
CIS-182-L1	Illustrator Graphics	3	3
CIS-184-L1	PhotoShop Graphics	3	3
CIS-184-L2	PhotoShop Graphics	3	3
CIS-186-B1	Multimedia Development	3	3
CIS-187-B1	Digital Video Editing	3	3
CIS-188-11	InDesign Desktop Publishing	3	3
CIS-205-B1	System Analysis and Design	3	3
CIS-208-B1	PC Operating Systems	3	3
CIS-208-L1	PC Operating Systems	3	3
CIS-209-B1	Network Concepts	3	3
CIS-220-B1	Hardware Maintenance	4	4
CIS-234-L1	Advanced Windows Server	4	4
CIS-250-L1	Computer Science II	4	4
CIS-268-L1	Assembly Language & Comp Arch	4	4
CIS-279-B1	Designing for Dig. Environ.	3	3
CIS-284-B1	Adv Photoshop Graphics	3	3
COLL-145-01	College Skills	2	2
COLL-145-L1	College Skills	2	2
COMM-151-L1	Intro to Mass Media	3	3
COMM-151-L2	Intro to Mass Media	3	3
COMM-151-L3	Intro to Mass Media	3	3
COMM-151-L4	Intro to Mass Media	3	3
CONM-102-01	Construction Practices	3	4
CONM-103-01	AutoCAD & Residence Drafting	4	6
CONM-105-01	Mech Bldg Systems & Equipment	4	6
CONM-110-01	Construction Blueprint Reading	3	4
CONM-240-01	Scheduling with Primavera	3	3
CRJ-151-L1	Intro to Criminal Justice	3	3
CRJ-151-L2	Intro to Criminal Justice	3	3

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
CRJ-151-L3	Intro to Criminal Justice	3	3
CRJ-155-L1	Community Policing	3	3
CRJ-156-L1	Criminal Investigation	3	3
CRJ-160-L1	Ethical Issues in Crim Just	3	3
CRJ-165-L1	The American Court System	3	3
CRJ-251-01	Criminal Law	3	3
CRJ-252-L1	Juvenile Delinquency	3	3
CRJ-255-L1	Police Organization and Admin	3	3
CRJ-261-01	Criminal Procedure	3	3
CRJ-270-L1	Community Corrections	3	3
ECE-100-L1	Found. of Early Child Educ	3	3
ECE-102-B1	Child Growth and Development	3	3
ECE-104-B1	Nutr Hlth Safety for ECE	3	3
ECE-106-B1	Obser & Assess. of Child Devel	3	3
ECE-108-B1	The Care/Learning of Inf/Todd	4	4
ECON-251-L1	Principles of Macroeconomics	3	3
ECON-251-L2	Principles of Macroeconomics	3	3
ECON-252-B1	Principles of Microeconomics	3	3
ECON-252-L1	Principles of Microeconomics	3	3
ECON-252-L2	Principles of Microeconomics	3	3
EDUC-151-B1	Exploring Teaching	3	3
EDUC-158-01	Art for Elementary Teachers	3	3
EDUC-165-01	Music for Classroom Teachers	3	3
ELEC-125-01	Fundamentals of Electricity	3	4
ELEC-125-02	Fundamentals of Electricity	3	4
ELEC-125-03	Fundamentals of Electricity	3	4
ELEC-132-01	Electronics I	4	6
ELEC-135-01	Digital Electronic Logic	4	6
ELEC-141-01	Indust Automation/Proc Control	3	4
ELEC-145-01	Data Acquisition & Instrument	4	6
ELEC-200-01	Elec & Elect Troubleshooting	4	6
ELEC-211-01	Med Voltage Power Dist Systems	3	3
ELEC-214-B1	National Electrical Code	2	2
ELEC-296-01	Spec Topic-Intro Elec Veh Tech	3	4
ENGL-090-01	Basic Writing Skills, ALP	2	2
ENGL-090-02	Basic Writing Skills, ALP	2	2
ENGL-102-L1	Business Writing	3	3
ENGL-151-01	English Composition I	3	3
ENGL-151-02	English Composition I, ALP	3	3
ENGL-151-03	English Composition I	3	3
ENGL-151-04	English Composition I, ALP	3	3
ENGL-151-B1	English Composition I	3	3
ENGL-151-B2	English Composition I	3	3

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
ENGL-151-B3	English Composition I	3	3
ENGL-151-HMB1	English Composition I	3	3
ENGL-151-L1	English Composition I	3	3
ENGL-151-L2	English Composition I	3	3
ENGL-151-L3	English Composition I	3	3
ENGL-151-L4	English Composition I	3	3
ENGL-151-L5	English Composition I	3	3
ENGL-152-01	English Composition II	3	3
ENGL-152-02	English Composition II	3	3
ENGL-152-03	English Composition II	3	3
ENGL-152-04	English Composition II	3	3
ENGL-152-B1	English Composition II	3	3
ENGL-152-B2	English Composition II	3	3
ENGL-152-B3	English Composition II	3	3
ENGL-152-HJ01	English Composition II	3	3
ENGL-152-HJ02	English Composition II	3	3
ENGL-152-L1	English Composition II	3	3
ENGL-152-L2	English Composition II	3	3
ENGL-152-L3	English Composition II	3	3
ENGL-152-L4	English Composition II	3	3
ENGL-152-L5	English Composition II	3	3
ENGL-152-L6	English Composition II	3	3
ENGL-253-L1	American Literature	3	3
ENGL-254-B1	Advanced Composition	3	3
ENGL-261-01	Intro to Creative Writing	3	3
ESC-151-B1	Earth Science	4	5
ESC-151-B2	Earth Science	4	5
FREN-151-B1	Elementary French I	4	4
FREN-252-HSM01	Second Year French II	4	4
GEOG-151-L1	Elements of Physical Geography	4	4
GEOG-151-L2	Elements of Physical Geography	4	4
GEOG-152-L1	World Regional Geography	3	3
GERMN-152-B1	Elementary German II	4	4
GWST-151-L1	Intro to Gender Studies	3	3
GWST-151-L2	Intro to Gender Studies	3	3
HIST-153-01	History of Michigan	3	3
HIST-155-01	History of US/1877-Present	3	3
HIST-155-L1	History of US/1877-Present	3	3
HIST-155-L2	History of US/1877-Present	3	3
HIST-159-L1	World History 1500 to Present	3	3
HLTSC-110-L1	Medical Terminology	2	2
HLTSC-110-L2	Medical Terminology	2	2
HLTSC-110-L3	Medical Terminology	2	2

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
HLTSC-115-L1	Intro to Health-Care Prof	3	3
HLTSC-120-B1	Pharmacology	3	3
HLTSC-120-B2	Pharmacology	3	3
HLTSC-151-L1	Princ of Nutr & Diet Therapy	3	3
HLTSC-151-L2	Princ of Nutr & Diet Therapy	3	3
HLTSC-158-01	Phlebotomy Basics	6	8
HLTSC-159-61	Phlebotomy II	4	9
HPE-150-L1	Personal Health	3	3
HPE-151-B1	First Aid and Safety	2	2
HPE-151-B2	First Aid and Safety	2	2
HPE-153-L1	Mental Health	3	3
HUMAN-151-01	Introduction to Humanities	3	3
HUMAN-151-B1	Introduction to Humanities	3	3
HUMAN-151-B2	Introduction to Humanities	3	3
HUMAN-151-HBD01	Introduction to Humanities	3	3
HUMAN-151-HD01	Introduction to Humanities	3	3
HUMAN-151-L1	Introduction to Humanities	3	3
HUMAN-151-L2	Introduction to Humanities	3	3
HUMAN-151-L3	Introduction to Humanities	3	3
HUMAN-152-L1	Exploring Creativity	3	3
HUMAN-152-L2	Exploring Creativity	3	3
HUMAN-250-L1	Visual Media Literacy	3	3
HUMAN-250-L2	Visual Media Literacy	3	3
HUMAN-256-L1	Film & Society:1920s to 1960s	3	3
HUMAN-257-B1	Film & Society:1960s to Pres	3	3
IAS-213-L1	Privacy and Technology	3	3
JOURN-161-01	Introduction to Journalism	3	3
JOURN-162-01	Journalism Workshop I	3	3
JOURN-251-01	Photojournalism	3	3
JOURN-261-01	Journalism Workshop II	3	3
JOURN-262-01	Journalism Workshop III	3	3
MATH-092-B1	Beginning Algebra	4	4
MATH-092-B2	Beginning Algebra	4	4
MATH-092-L1	Beginning Algebra	4	4
MATH-092-L2	Beginning Algebra	4	4
MATH-092-L3	Beginning Algebra	4	4
MATH-092-L4	Beginning Algebra	4	4
MATH-092-L5	Beginning Algebra	4	4
MATH-092-L6	Beginning Algebra	4	4
MATH-105-B1	Essential Math for College	6	6
MATH-105-B3	Essential Math for College	6	6
MATH-119-L1	Elementary Technical Math	2	2
MATH-124-L1	Technical Mathematics II	4	4

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
MATH-126-L1	Mathematics for Business	3	3
MATH-151-B1	Intermediate Algebra	4	4
MATH-151-B2	Intermediate Algebra	4	4
MATH-151-L1	Intermediate Algebra	4	4
MATH-151-L2	Intermediate Algebra	4	4
MATH-151-L3	Intermediate Algebra	4	4
MATH-151-L4	Intermediate Algebra	4	4
MATH-151-L5	Intermediate Algebra	4	4
MATH-151-L6	Intermediate Algebra	4	4
MATH-154-01	Mathematics Explorations	4	4
MATH-154-L1	Mathematics Explorations	4	4
MATH-157-L1	College Algebra	3	3
MATH-157-L2	College Algebra	3	3
MATH-157-L3	College Algebra	3	3
MATH-159-01	Trig and Analytical Geometry	3	3
MATH-159-L1	Trig and Analytical Geometry	3	3
MATH-159-L2	Trig and Analytical Geometry	3	3
MATH-159-L3	Trig and Analytical Geometry	3	3
MATH-162-01	Introduction to Statistics	4	4
MATH-162-L1	Introduction to Statistics	4	4
MATH-162-L2	Introduction to Statistics	4	4
MATH-164-01	Precalculus	4	4
MATH-164-L1	Precalculus	4	4
MATH-164-L2	Precalculus	4	4
MATH-164-L3	Precalculus	4	4
MATH-171-L1	Calculus I	4	4
MATH-172-01	Calculus II	4	4
MATL-101-B1	Industrial Materials	3	4
MATL-101-B2	Industrial Materials	3	4
MATL-121-B1	Nuclear Plant Materials	3	4
MCOM-201-L1	Principles of Marketing	3	3
MCOM-201-L2	Principles of Marketing	3	3
MDTC-152-L1	Descriptive Geometry	4	6
MDTC-160-L1	Mech Drftg & CAD I	4	6
MDTC-160-L2	Mech Drftg & CAD I	4	6
MDTC-161-L1	Mech Drftg & CAD II	4	6
MDTC-228-L1	Intro to SOLIDWORKS-CSWA	3	4
MDTC-232-L1	Adv SOLIDWORKS-CSWP	3	4
MECH-102-01	Manufacturing Processes	4	6
MECH-103-01	Machining Basics & CNC	4	6
MECH-103-02	Machining Basics & CNC	4	6
MECH-104-01	CNC II	3	4
MECH-131-01	Intro Automated Manufacturing	3	4

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
MECH-201-01	CAD/CAM Milling I	3	4
MECH-231-01	CAD/CAM (Milling II)	3	4
MET-151-B1	Intro to Meteorology & Climate	4	5
METC-100-L1	Intro to Engineering & Tech	3	3
METC-170-B1	Intro to Parametric CAD/CATIA	3	6
METC-220-01	Statics & Strength of Material	4	6
MUSIC-150-01	Agora Chorale	1	3
MUSIC-151-01	Agora Chorale	1	3
MUSIC-155-01	College-Community Symph Band	1	3
MUSIC-161I-01	Applied Music Instrument	1	1
MUSIC-161I-02	Applied Music Instrument	1	1
MUSIC-161V-01	Applied Music Voice	1	1
MUSIC-162I-01	Applied Music Instrument	1	1
MUSIC-250-01	Agora Chorale	1	3
MUSIC-251-01	Agora Chorale	1	3
MUSIC-255-01	College-Community Symph Band	1	3
MUSIC-261V-01	Applied Music Voice	1	1
MUSIC-266-01	History of Rock Music	3	3
NUET-120-B1	Radiation Protection	3	4
NUET-220-B1	Power Plant Components	3	4
NUET-230-B1	Plant Systems II	3	4
NUET-240-B1	Reactor Theory	3	4
NURS-103-01	Fundamental Nursing Care	9	15
NURS-105-01	Med Surg Nursing Care I	5	9.5
NURS-110-01	Mental Health Nursing Care	3.5	6
NURS-204-01	Obstetrical Nursing Care	4	7
NURS-205-01	Pediatric Nursing Care	3.5	6
NURS-208-01	Med Surg Nursing Care II	8.5	14
NURS-210-L1	Nurs Leadership & Management	3	3
NURS-210-L2	Nurs Leadership & Management	3	3
NURS-212-61	Nursing Practicum	2.5	7
PHIL-152-L1	Intro to Western Philosophy	3	3
PHIL-253-L1	Philosophy of Religion	3	3
PHIL-254-L1	Medical Ethics	3	3
PHIL-254-L2	Medical Ethics	3	3
PHIL-254-L3	Medical Ethics	3	3
PHY-151-01	General Physics I	4	6
PHY-151-B1	General Physics I	4	6
PHY-152-01	General Physics II	4	6
PNUR-121-01	Fundamentals of Prac Nursing	8	15
POLSC-151-01	Intro to Political Science	3	3
POLSC-151-02	Intro to Political Science	3	3
POLSC-151-HD01	Intro to Political Science	3	3

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
POLSC-151-HMB1	Intro to Political Science	3	3
POLSC-151-L1	Intro to Political Science	3	3
POLSC-151-L2	Intro to Political Science	3	3
PSYCH-151-01	General Psychology	3	3
PSYCH-151-02	General Psychology	3	3
PSYCH-151-B1	General Psychology	3	3
PSYCH-151-B2	General Psychology	3	3
PSYCH-151-B3	General Psychology	3	3
PSYCH-151-L1	General Psychology	3	3
PSYCH-151-L2	General Psychology	3	3
PSYCH-151-L3	General Psychology	3	3
PSYCH-151-L4	General Psychology	3	3
PSYCH-151-L5	General Psychology	3	3
PSYCH-151-L6	General Psychology	3	3
PSYCH-151-L7	General Psychology	3	3
PSYCH-152-L1	Psych of Personality/Adjustmnt	3	3
PSYCH-251-L1	Child Psychology	3	3
PSYCH-251-L2	Child Psychology	3	3
PSYCH-253-L1	Social Psychology	3	3
PSYCH-254-B1	Life Span Psychology	3	3
PSYCH-254-L1	Life Span Psychology	3	3
QSTC-150-B1	Introduction to Metrology	3	4
QSTC-210-B1	Advanced Metrology	3	4
QSTC-230-L1	Documentation & Audit Prep	3	3
RTH-102B-01	Pharmacology for RT II	1	1
RTH-110-01	Respiratory Care Tech II	5	7
RTH-111-61	Resp Care Clinical Practice I	4.5	14
RTH-116-01	Cardiopulmonry Pathophysiology	4	4
RTH-221-61	Resp Care Clinical Practice IV	4	13
RTH-222-01	Seminar	2	2
RTH-226-01	Respiratory Care Techniques IV	2	3
SOC-151-01	Principles of Sociology	3	3
SOC-151-02	Principles of Sociology	3	3
SOC-151-HD01	Principles of Sociology	3	3
SOC-151-HMB1	Principles of Sociology	3	3
SOC-151-L1	Principles of Sociology	3	3
SOC-151-L2	Principles of Sociology	3	3
SOC-151-L3	Principles of Sociology	3	3
SOC-152-L1	Marriage & Family	3	3
SOC-161-B1	Death, Loss and Grief	3	3
SOC-251-L1	Modern Social Problems	3	3
SPAN-151-B1	Elementary Spanish I	4	4
SPAN-152-B1	Elementary Spanish II	4	4

Winter 2022 Billable Contact Hour Chart

Section Name	Short Title	Min Cred	Billing Credits
SPCH-151-01	Communication Fundamentals	3	3
SPCH-151-HJ01	Communication Fundamentals	3	3
SPCH-151-HMB1	Communication Fundamentals	3	3
SPCH-151-L1	Communication Fundamentals	3	3
SPCH-151-L2	Communication Fundamentals	3	3
SPCH-151-L3	Communication Fundamentals	3	3
SWK-106-01	Child Welfare	3	3
THEA-151-01	Introduction to Theater	3	3
THEA-251-01	Fundamentals of Acting	3	3
WELD-100-01	Intro to Welding Processes	4	6
WELD-100-02	Intro to Welding Processes	4	6
WELD-100-03	Intro to Welding Processes	4	6
WELD-102-01	Advanced SMAW	6	8
WELD-102-02	Advanced SMAW	6	8
WELD-104A-01	Introduction to GTAW	2	3
WELD-104A-02	Introduction to GTAW	2	3
WELD-104B-01	Introduction to GMAW	2	3
WELD-104B-02	Introduction to GMAW	2	3
WELD-104C-01	GTAW-Stainless Steel	2	3
WELD-104C-02	GTAW-Stainless Steel	2	3
WELD-104D-01	GTAW-Aluminum	2	3
WELD-104D-02	GTAW-Aluminum	2	3
WELD-105-B1	Welding Metallurgy	3	4
WELD-106-01	Basic Pipe Welding	6	8
WELD-106-02	Basic Pipe Welding	6	8
WELD-109-01	Basic Welding Fabrication	4	6
WELD-110-B1	Weld Symbols/Blueprint Reading	2	2
WELD-114-01	GMAW and GTAW Applications	6	8
WELD-114-02	GMAW and GTAW Applications	6	8
WELD-115-61	Entry Level Welding	12	16.67
WELD-215-61	Advanced Level Welding	12	16.67