

WHY SOME NWTC PROGRAMS ARE PARTIALLY ELIGIBLE FOR FEDERAL FINANCIAL AID New Clock-to-Credit Hour Conversion Requirements

Effective Fall 2023

The U.S. Department of Education has changed how credits are recognized for financial aid purposes for non-associate degree programs that do not lead to an associate degree.

Due to the new federal “clock-to-credit hour” conversion requirements, Wisconsin Technical College System students who are enrolled in a technical diploma that does not lead to an associate degree may not be eligible to receive full federal financial aid funding.

Below are NWTC programs partially eligible for federal financial aid due to the new regulations:

- CNC Machine Tool – **61 of 62** program credits are financial aid eligible.
- Dental Assistant – **30 of 34** program credits are financial aid eligible.
- Electrical Power Distribution – **32 of 34** program credits are financial aid eligible.
- Gas Utility Construction and Service – **31 of 34** program credits are financial aid eligible.
- Machine Tool Operation – **31 of 32** program credits are financial aid eligible.
- Medical Assistant – **29 of 33** program credits are financial aid eligible.
- Metal Fabrication/Welding – **32 of 33** program credits are financial aid eligible.
- Practical Nursing – **26 of 31** program credits are financial aid eligible.
- Therapeutic Massage – **21 of 28** program credits are financial aid eligible.
- Welding – **31 of 32** program credits are financial aid eligible.

About the clock-to-credit-hour conversion formula

The clock-to-credit-hour conversion formula determines if the program includes the minimum number of credit hours to qualify as an eligible program for Federal Student Aid purposes. The formula also determines the number of Title IV (Financial Aid) credit hours associated with each class that an institution can use to determine a student’s enrollment status during the program.

How has the formula changed?

Previously, the formula required colleges to use a ratio of 37.5 in-class clock hours to each semester credit hour. Colleges could also include out-of-class hours in the calculation if the in-class hours met a ratio of 30 clock hours to one credit hour.

Under the new regulations, the clock-to-credit conversion formula no longer includes any out-of-class hours. The revised formula for determining the number of financial aid credits in each course is the total number the course’s clock hours divided by 30. The result is the course’s number of total credits that is used for calculating financial aid eligibility.

Clock to Credit Hour Conversion

Program credits and Financial Aid Eligible Credits Comparison

CNC Machine Tool

Class	Program Credits	Financial Aid Credits
10804301 - Vocational Math A	1	1
31420341 - Machine Tool/CNC Set-Ups	2	2
31421352 - Blueprint Rdg/Sket-Mach 1	2	2
31420366 - CNC/Machining Fundamentals 1	4	4
10890101 - College 101	1	1
10420100 - CNC Interface Methods	1	0
31420363 - CNC Milling and G-Code	2	2
31420367 - CNC/Machining Fundamentals 2	4	4
31420364 - G-Code and CAM	2	2
10804302 - Vocational Math B	1	1
31420368 - CNC/Machining Fundamentals 3	4	4
31421362 - Blueprint Rdg/Sket-Mach 2	2	2
31420369 - CNC/Machining Fundamentals 4	4	4
31420365 - Intro to CNC Turning	1	1
31422359 - Metallurgy and Cutting Tools	1	1
32420326 - EDM and Waterjet Machining	1	1
32420336 - CNC Machining Center Oper	3	3
32420335 - CNC Turning Operation	3	3
32420327 - 3D CAM Programming	1	1
32420308 - Inspection & Quality Control	1	1
32420324 - CNC Machining Center Oper-Adv	2	2
32420325 - CNC Turning Operation-Adv	2	2
32420322 - CNC Programming Tech-Adv	1	1
32420323 - CAM Programming	1	1
32420338 - Multi-Axis CNC Machining	3	3
32420339 - Multi-Axis CAM Programming	1	1
32420349 - Fixture & Tool Making	3	3
32420331 - Stamping Die Construction	4	4
32420329 - Mold Die Construction	4	4
Total Credits	62	61

Dental Assistant

Class	Program Credits	Financial Aid Credits
10890101 - College 101	1	1
10508101 - Dental Health Safety	1	1
31508304 - Dental & General Anatomy	2	2
31508307 - Dental Assistant Professional	1	1
10801196 - Oral/Interpersonal Comm	3	1
10508103 - Dental Radiography	2	2
10508113 - Dental Materials	2	1
10508120 - Dental Office Management	2	1
31508302 - Dental Chairside	5	5
31508306 - Dental Assistant Clinical	3	3
31508308 - Dental Chairside Advanced	5	5
31508309 - Dental Laboratory Procedures	4	4
31508310 - Dental Radiography – Advanced	1	1
31508311 - Dental Assistant Clinical-Adv	2	2
Total	34	30

Electrical Power Distribution

Class	Program Credits	Financial Aid Credits
10890101 - College 101	1	1
10804312 - Math-Algebra/Trades	2	1
31413330 - Line Elec Field Trng 1	5	5
31413353 - Electricity-Basic	1	1
31413362 - Line Electrician-Safety 1	1	1
10413350 - CDL Preparation Training	1	0
31413335 - Line Elec-Const Standards	1	1
31413336 - Line Elec Field Trng 2-A	5	5
31413337 - Line Elec Field Trng 2-B	5	5
31413355 - Electricity-Linepersons	2	2
31413364 - Line Elec-Safety 2	1	1
31801385 - Communicating-Writing	1	1
31413332 - Line Elec Field Trng 3	5	5
31413361 - Line Elec-Safety 3	1	1
31801386 - Communicating Effectively	1	1
10606112 - Computer Apps for Technicians	1	1
Total Credits	34	32

Gas Utility

Class	Program Credits	Financial Aid Credits
10890101 - College 101	1	1
10804312 - Math-Algebra/Trades	2	1
31442315 - Welding-Gas Service 1	2	2
31469311 - Gas Utility Field Trng 1	5	5
10413350 - CDL Preparation Training	1	0
10422100 - Metallurgy	2	1
31442325 - Welding-Gas Service 2	2	2
31469313 - Advanced Utility Equipment	2	2
31469320 - Gas Utility Field Trng 2	5	5
31469330 - Gas Utility Field Trng 3	5	5
31801385 - Communicating-Writing	1	1
31469341 - Gas Utility Field Trng 4	5	5
31801386 - Communicating Effectively	1	1
Total Credits	34	31

Machine Tool Operation

Class	Program Credits	Financial Aid Credits
10804301 - Vocational Math A	1	1
31420341 - Machine Tool/CNC Set-Ups	2	2
31421352 - Blueprint Rdg/Sket-Mach 1	2	2
31420366 - CNC/Machining Fundamentals 1	4	4
10890101 - College 101	1	1
10420100 - CNC Interface Methods	1	0
31420363 - CNC Milling and G-Code	2	2
31420367 - CNC/Machining Fundamentals 2	4	4
31420364 - G-Code and CAM	2	2
10804302 - Vocational Math B	1	1
31420368 - CNC/Machining Fundamentals 3	4	4
31421362 - Blueprint Rdg/Sket-Mach 2	2	2
31420369 - CNC/Machining Fundamentals 4	4	4
31420365 - Intro to CNC Turning	1	1
31422359 - Metallurgy and Cutting Tools	1	1
Total Credits	32	31

Medical Assistant

Class	Program Credits	Financial Aid Credits
10501101 - Medical Terminology	3	1
10501104 - Culture of Healthcare	2	1
10501107 - Digital Literacy Healthcare	2	1
31509301 - Medical Asst Admin Procedures	2	2
31509302 - Human Body in Health & Disease	3	3
10890101 - College 101	1	1
31509303 - Medical Asst Lab Procedures 1	2	2
31509304 - Medical Asst Clin Procedures 1	4	4
31509309 - Medical Law, Ethics & Profess	2	2
31509308 - Pharm for Allied Health	2	2
31509307 - Med Office Insurance & Finance	2	2
31509305 - Med Asst Lab Procedures 2	2	2
31509306 - Med Asst Clin Procedures 2	3	3
31509310 - Medical Assistant Practicum	3	3
Total	33	29

Metal Fabrication/Welding

Class	Program Credits	Financial Aid Credits
10890101 - College 101	1	1
10804301 - Vocational Math A	1	1
31457337 - Metal Fabrication I	1	1
31457338 - Metal Fabrication II	1	1
31442348 - Gas Metal Arc Welding 1	1	1
31442367 - Gas Metal Arc Welding-Adv	4	4
31421335 - Blueprint Reading for Welders1	1	1
31442301 - Material Cutting Applications	1	1
31421336 - Weld Symbols	1	1
31457339 - Metal Fabrication III	2	2
10804302 - Vocational Math B	1	1
10606116 - CAD-Intro	1	1
31421337 - Blueprint Reading for Welders2	2	2
31442359 - Gas Tungsten Arc Welding 1	1	1
31442368 - Gas Tungsten Arc Welding-Adv	4	4
10620170 - Robotics - Introduction to	1	1
31457351 - Automated Cutting Processes	1	1
31457352 - Automated Forming Processes	1	1
31457358 - Precision Bend & Surf Finish	1	1
31457357 - Pressure Vessels & Piping Sys	3	3
10422100 - Metallurgy	2	1
31442345 - Robotic Weld Prgm&Troublshoot	1	1
Total Credits	33	32

Practical Nursing

Class	Program Credits	Financial Aid Credits
31806312 - Anatomy/Struct-Funct	2	2
10809188 - Developmental Psychology	3	1
10890101 - College 101	1	1
31543301 - Nursing Fundamentals	2	2
31543302 - Nursing Skills	3	3
10801136 - English Composition 1	3	2
31543303 - Nursing Pharmacology	2	2
31543304 - Nsg:Intro to Clinical Practice	2	2
10801196 - Oral/Interpersonal Comm	3	1
31543305 - Nursing Health Alterations	3	3
31543308 - Nsg:Intro Clinical Care Mgt	2	2
31543306 - Nursing Health Promotion	3	3
31543307 - Nsg:Clin Care Across Lifespan	2	2
Total	31	26

Therapeutic Massage

Class	Program Credits	Financial Aid Credits
10890101 - College 101	1	1
30537101 - Therapeutic Massage 1	3	3
10537120 - Musco Anat for Massage Ther	4	3
30537102 - Therapeutic Massage 2	3	3
31806312 Anatomy/Structure - Function	3	2
30537111 - Specialized Therapeutic Massag	3	3
10537121 - Path Pharm & Med Term	3	1
30537112 - Massage Clinic & Business Prac	3	3
10537138 - Kines for Mass Therapist	2	1
10809172 - Intro to Diversity Studies	3	1
Total Credits	28	21

Welding

Class	Program Credits	Financial Aid Credits
10890101 - College 101	1	1
10804301 - Vocational Math A	1	1
31442301 - Material Cutting Applications	1	1
31421335 - Blueprint Reading for Welders1	1	1
31442342 - Shielded Metal Arc Welding 1	1	1
31442366 - Shielded Metal Arc Welding-Adv	3	3
31421336 - Weld Symbols	1	1
31457337 - Metal Fabrication I	1	1
31457338 - Metal Fabrication II	1	1
31442348 - Gas Metal Arc Welding 1	1	1
31442367 - Gas Metal Arc Welding-Adv	4	4
10804302 - Vocational Math B	1	1
31421337 - Blueprint Reading for Welders2	2	2
31442359 - Gas Tungsten Arc Welding 1	1	1
31442368 - Gas Tungsten Arc Welding-Adv	4	4
31442329 - Flux Cored Arc Welding 1	1	1
31442369 - Flux Cored Arc Welding-Adv	3	3
31457339 - Metal Fabrication III	2	2
10422100 - Metallurgy	2	1
Total Credits	32	31