

New Offerings	NTC Dual Credit Class	Is Cengage Available?	Course number	Credits	Grade Level	NTC Faculty Mentor	Contact	License needed
	<b>School of Agriculture Science, Utilities &amp; Transportation</b>							
	Diesel Brake Systems 1	no cengage	10.412.119	1	11,12	TBD		220 Technology Ed. DPI
	Diesel Electrical Systems 1	no cengage	10.412.118	1	11,12	James Eckardt	<a href="mailto:eckardtj@ntc.edu">eckardtj@ntc.edu</a>	220 Technology Ed. DPI
	Diesel Engines 1	no cengage	10.412.121	1	11,12	James Eckardt	<a href="mailto:eckardtj@ntc.edu">eckardtj@ntc.edu</a>	220 Technology Ed. DPI
	Diesel Preventative Maintenance 1	no cengage	10.412.120	1	11,12	TBD		220 Technology Ed. DPI
	Heavy Duty Suspension and Steering	no cengage	10.412.126	1	11,12	James Eckardt	<a href="mailto:eckardtj@ntc.edu">eckardtj@ntc.edu</a>	220 Technology Ed. DPI
	Introduction to Animal Science	no cengage	10.091.104	3	10,11,12	Charl VanDerNest	<a href="mailto:vandernest@ntc.edu">vandernest@ntc.edu</a>	1200 - Agriculture-if new to teaching this course will need to enroll in the online course and pass final assessment. If one has taught this course before they will need to pass the CPL exam before teaching the course.
	Introduction to Soils	no cengage	10.093.102	2	11,12	Trevor Frank	<a href="mailto:frankt@ntc.edu">frankt@ntc.edu</a>	1200 - Agriculture-if new to teaching this course will need to enroll in the online course and pass final assessment. If one has taught this course before they will need to pass the CPL exam before teaching the course.
	Orientation to Agronomy	no cengage	10.093.101	1	10,11,12	Trevor Frank	<a href="mailto:Frankt@ntc.edu">Frankt@ntc.edu</a>	1200-Agriculture- if new to teaching this course will need to enroll in the online course and pass final assessment. If one has taught this course before they will need to pass the CPL exam before teaching the course.
	Veterinary Medical Terminology	cengage available	10.091.172	1	11,12	Sarah Steger	<a href="mailto:stegers@ntc.edu">stegers@ntc.edu</a>	1200 - Agriculture-if new to teaching this course will need to enroll in the online course and pass final assessment. Also, needs to take the CPL exam and pass.
	<b>School of Engineering &amp; Advanced Manufacturing</b>							
	AutoCAD 2D for Architectural Design	no cengage	10.614.139	2	10,11,12	Michael Block	<a href="mailto:Block@ntc.edu">Block@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean

	Autocad for Technicians	no cengage	10.620.171	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Autodesk Inventor 3D CAD Software	no cengage	10.606.130	2	10,11,12	Brad Schinker	<a href="mailto:Schinker@ntc.edu">Schinker@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Auto Service Fundamentals	cengage available	10.602.107	2	10,11,12	Ross Nevienski	<a href="mailto:nevienski@ntc.edu">nevienski@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Fluid Powers Systems 1: Fundamentals	no cengage	10.612.120	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Fluid Power Systems 2: Fundamentals of Pneumatics	no cengage	10.612.121	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Fundamentals of Furniture Manufacturing	no cengage	10.465.119	2	10,11,12	Logan Wells		Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Industrial Electronics Tech 1- Direct Current Electrical Characteristics	cengage available	10.660.123	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Industrial Electronics Tech 2- Alternating Current Electrical Characteristics	cengage available	10.660.124	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Industrial Electronics Tech 3- Electronic Circuits and Devices	cengage available	10.660.125	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Industry Workplace Safety	no cengage	10.620.172	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Interpreting Engineering Drawings	no cengage	10.623.200	2	10,11,12	Travis Allen	<a href="mailto:wells@ntc.edu">wells@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
	Introduction to Microcontrollers	no cengage	10.660.121	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
<b>New Offerings</b>	<b><a href="#">Introduction to Civil Engineering Technology</a></b>	<b>no book</b>	<b>10-607-100</b>	<b>1</b>	<b>10,11,12</b>	<b>Michael Kowal</b>	<b><a href="mailto:kowal@ntc.edu">kowal@ntc.edu</a></b>	
	Introduction to Welding	no cengage	10.442.101	1	10,11,12	Veronica Hope/Adam Zogata	<a href="mailto:hope@ntc.edu">hope@ntc.edu</a> ; <a href="mailto:zogata@ntc.edu">zogata@ntc.edu</a>	Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean

	Lean Manufacturing Fundamentals	no cengage	10.623.147					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				2	10,11,12	Travis Allen	<a href="mailto:allen@ntc.edu">allen@ntc.edu</a>	
	Intro to Machine Shop (was Machine Tool)	no cengage						Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
			10.420.101	2	10,11,12	Joe Bonke	<a href="mailto:Bonke@ntc.edu">Bonke@ntc.edu</a>	
	Machine Tool Calculation	no cengage	32-420-305					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				2	10,11,12	Joe Bonke	<a href="mailto:Bonke@ntc.edu">Bonke@ntc.edu</a>	
	Manufacturing Processes Fabrication	no cengage	10.606.162					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				1	10,11,12	Brad Schinker	<a href="mailto:Schinker@ntc.edu">Schinker@ntc.edu</a>	
	Revit Residential For Architectural Design	no cengage						Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
			10.614.127	2	10,11,12	Travis Severson	<a href="mailto:SeversonT@ntc.edu">SeversonT@ntc.edu</a>	
	Robotic Applications 1: Fundamentals of Robotic Control	no cengage						Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
			10-620-154	1	10,11,12	Bryan Schroder	<a href="mailto:Schrodeb@ntc.edu">Schrodeb@ntc.edu</a>	
	Sketchup for Architectural Design	no cengage						Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
			10.614.129	2	10,11,12	Travis Severson	<a href="mailto:SeversonT@ntc.edu">SeversonT@ntc.edu</a>	
	Solidworks 1	no cengage	10.606.133					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				1	10,11,12	Bryan LaVigne	<a href="mailto:LaVigne@ntc.edu">LaVigne@ntc.edu</a>	
	Solidworks 2	no cengage	10.606.134					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				1	10,11,12	Bryan LaVigne	<a href="mailto:LaVigne@ntc.edu">LaVigne@ntc.edu</a>	
	Technical Drafting/CAD	no cengage	10.606.105					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				2	10,11,12	Brad Schinker	<a href="mailto:Schinker@ntc.edu">Schinker@ntc.edu</a>	
	Thermal Cutting	no cengage	10.442.173					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				1	10,11,12	Veronica Hope/Adam Zogata	<a href="mailto:hope@ntc.edu">hope@ntc.edu</a> ; <a href="mailto:zogata@ntc.edu">zogata@ntc.edu</a>	
	Weld Inspection & Testing	cengage available	10.442.163					Industry Experience in content area; or have taken class at NTC, approval of NTC instructor and Dean
				1	10,11,12	Veronica Hope/Adam Zogata	<a href="mailto:hope@ntc.edu">hope@ntc.edu</a> ; <a href="mailto:zogata@ntc.edu">zogata@ntc.edu</a>	
	<b>School of Business</b>							
	Accounting 1	cengage available	10.101.111	4	10,11,12	Kou Yang	<a href="mailto:YangK@ntc.edu">YangK@ntc.edu</a>	1250 - Business Education
	Accounting 2	cengage available	10.101.113	4	11,12	Kou Yang	<a href="mailto:YangK@ntc.edu">YangK@ntc.edu</a>	1250 - Business Education
	Accounting Fundamentals	cengage available	10.101.147	3	10,11,12			1250 - Business Education

	Bussness Law	cengage available	10.102.160	3	11,12	Kimberly Reed	<a href="mailto:Reed@ntc.edu">Reed@ntc.edu</a>	1250 - Business Education
	Business Proofreading and Editing	cengage available	10.106.104	3	10,11,12	Carrie Heckendorf	<a href="mailto:Heckendorf@ntc.edu">Heckendorf@ntc.edu</a>	1250 - Business Education
	Computer Fundamentals 1	cengage available	10.154.100	3	10,11,12	Josh Stutting	<a href="mailto:stutting@ntc.edu">stutting@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Computer Fundamentals 2	cengage available	10.154.102	3	10,11,12	Josh Stutting	<a href="mailto:stutting@ntc.edu">stutting@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Computer Keyboarding	no cengage	10.106.129	1	10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	Computer Page Layout	no cengage	10.204.123	2	10,11,12	Dan Seanor	<a href="mailto:seanord@ntc.edu">seanord@ntc.edu</a>	Technology Occupations
	Data Concepts A	cengage available	10.152.531	1	11,12	J.J. Minarcin	<a href="mailto:minarcin@ntc.edu">minarcin@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Data Concepts B	cengage available	10.152.532	1	11,12	J.J. Minarcin	<a href="mailto:minarcin@ntc.edu">minarcin@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Data Concepts C	cengage available	10.152.533	1	11,12	J.J. Minarcin	<a href="mailto:minarcin@ntc.edu">minarcin@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Digital Photogrpahy	no cengage	10.204.135	3	10,11,12	Dan Seanor	<a href="mailto:seanord@ntc.edu">seanord@ntc.edu</a>	Technology Occupations
	Desktop Publishing	cengage available	10.106.188	3	10,11,12	Carrie Heckendorf	<a href="mailto:Heckendorf@ntc.edu">Heckendorf@ntc.edu</a>	1250 - Business Education
	Document Management (Pre-requisite, Business Proofreading & Editing)	no cengage	10.106.157	3	11,12	Carrie Heckendorf	<a href="mailto:Heckendorf@ntc.edu">Heckendorf@ntc.edu</a>	1250 - Business Education
	Essential Skills for the Business Professional		10-196-164	3				
	Excel Level 1	cengage available	10.103.242	1	10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	Fundamentals of Supply Chain Management		10.182.142	3				
	Introduction to Business	cengage available	10.102.124	3	9,10,11,12	Kelly Poppe-Gale	<a href="mailto:poppegale@ntc.edu">poppegale@ntc.edu</a>	1250 - Business Education
	Introduction to Graphic Software and Design	no cengage	10.204.121	2	10,11,12	Andy Somers	<a href="mailto:Somers@ntc.edu">Somers@ntc.edu</a>	Technology Occupations
	Introduction to Printing	no cengage	10.204.112	2	10,11,12	Andy Somers	<a href="mailto:Somers@ntc.edu">Somers@ntc.edu</a>	Technology Occupations
	Introduction to Professional Baking (Nutrition)	no cengage	10-316-107					1210 - Family and Consumer Education- must pass ServSafe with a 90% or better
	Introduction to Professional Cooking (Sanitation For Food Service)	no cengage	10-316-100					1210 - Family and Consumer Education- must pass ServSafe with a 90% or better
	IT Development and Design Fundamentals	no cengage	10.152.500	1	10,11,12	Zach Thunder	<a href="mailto:thunder@ntc.edu">thunder@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Keyboarding 2	no cengage	10.106.129	1	10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	Management Principles		10-196-191	3				
	Marketing Principles	cengage available	10.104.172	3	10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	Microsoft Word Application	cengage available	10.106.142	2	10,11,12	Carrie Heckendorf	<a href="mailto:Heckendorf@ntc.edu">Heckendorf@ntc.edu</a>	1250 - Business Education
	Photoshop Image Manipulation	no cengage	10.204.126	2	10,11,12	Dan Seanor	<a href="mailto:seanord@ntc.edu">seanord@ntc.edu</a>	Technology Occupations
	Powerpoint Level 1	cengage available	10.103.241	1	10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	Principles of Sales	cengage available	10.104.154	3	10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	Programming Concepts A	no cengage	10.152.501					1250 - Business Education or 405 Computer Science DPI license
	Programming Concepts B	no cengage	10.152.502					1250 - Business Education or 405 Computer Science DPI license
				1	11,12	Dominic Gruetzmacher	<a href="mailto:Gruetzmacher@NTC.EDU">Gruetzmacher@NTC.EDU</a>	

	Programming Concepts C	no cengage	10.152.503		1 11,12	Dominic Gruetzmacher	<a href="mailto:Gruetzmacher@NTC.EDU">Gruetzmacher@NTC.EDU</a>	1250 - Business Education or 405 Computer Science DPI license
	QuickBooks 1	cengage available	10.101.180		1 10,11,12	Sara Hill	<a href="mailto:Hills@ntc.edu">Hills@ntc.edu</a>	1250 - Business Education
	QuickBooks 2	cengage available	10.101.181		2 10,11,12	Sara Hill	<a href="mailto:Hills@ntc.edu">Hills@ntc.edu</a>	1250 - Business Education
	Team Building and Problem Solving		10-196-189		3			
	User Experience Design	no cengage	10.152.223		3 11,12	Kimberly Reed	<a href="mailto:Reed@ntc.edu">Reed@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Web Design 1A	cengage available	10-152-551		1 11,12	Clay Hess	<a href="mailto:Hess@ntc.edu">Hess@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Web Design 1B	cengage available	10-152-552		1 11,12	Clay Hess	<a href="mailto:Hess@ntc.edu">Hess@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Web Design 1C	cengage available	10-152-553		1 11,12	Clay Hess	<a href="mailto:Hess@ntc.edu">Hess@ntc.edu</a>	1250 - Business Education or 405 Computer Science DPI license
	Word Level 1	cengage available	10-103-243		1 10,11,12	Dianne Carroll	<a href="mailto:Carroll@ntc.edu">Carroll@ntc.edu</a>	1250 - Business Education
	<b>School of Health Sciences</b>							
	Medical Terminology	cengage available	10.501.101		3 11,12	Kim-Rauen-Heidmann	<a href="mailto:Heidmann@ntc.edu">Heidmann@ntc.edu</a>	1605 - Biology
	Culture of Healthcare	no cengage	10.501.104		2 11,12	Jessika Jamgochian	<a href="mailto:Jamgochian@ntc.edu">Jamgochian@ntc.edu</a>	1605 - Biology
	Digital Literacy for Healthcare	no cengage	10.501.107		2 11,12	Jenny Stieber		1605 - Biology
	<b>School of Public Safety</b>							
	Current Events in Criminal Justice	no cengage	10.504.173		3 11,12	Matt Kecker	<a href="mailto:Kecker@ntc.edu">Kecker@ntc.edu</a>	1701 - Broad Field Social Studies
	<b>School of Liberal Arts Transfer, Education &amp; General Studies</b>							
	Applied Math	no cengage	31.804.305		2 10,11,12	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	Body, Structure & Function	no cengage	10.806.110		3 11,12	Marie Hoefer	<a href="mailto:hoefer@ntc.edu">hoefer@ntc.edu</a>	Master's preferred, or DPI License; 1605 Biology License
	Calculus 1	no cengage	10.804.198		4 10,11,12	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	Cents and Sensibility	no cengage	10.809.101		1 10,11,12	Sarah Watson	<a href="mailto:watson@ntc.edu">watson@ntc.edu</a>	Master's preferred or DPI License; 1710 - Economics
	College Algebra with Applications	no cengage	10.804.195		3 10,11,12	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	ECE: Child Development	no cengage	10.307.179		3 10,11,12	Nicole Guthrie	<a href="mailto:guthrie@ntc.edu">guthrie@ntc.edu</a>	1210 - Family and Consumer Education and Child Services
	ECE: Foundations of ECE	cengage available	10.307.148		3 10,11,12	Nicole Guthrie	<a href="mailto:guthrie@ntc.edu">guthrie@ntc.edu</a>	1211 - Family and Consumer Education and Child Services
	ECE: Guiding Child Behavior	no cengage	10.307.188		3 10,11,12	Nicole Guthrie	<a href="mailto:guthrie@ntc.edu">guthrie@ntc.edu</a>	1212 - Family and Consumer Education and Child Services
	ECE: Health, Safety & Nutrition	cengage available	10.307.167		3 10,11,12	Nicole Guthrie	<a href="mailto:guthrie@ntc.edu">guthrie@ntc.edu</a>	1213 - Family and Consumer Education and Child Services
	ECE: Infant and Toddler	cengage available	10.307.151		3 10,11,12	Nicole Guthrie	<a href="mailto:guthrie@ntc.edu">guthrie@ntc.edu</a>	1214 - Family and Consumer Education and Child Services

	EDU: Child & Adolescent Dev	no cengage	10.522.106		3	10,11,12	Pa houa	<a href="mailto:leepah@ntc.edu">leepah@ntc.edu</a>	<i>bachelor's degree plus 2 years of experience within a K12 system</i>
	EDU: Introduction to Ed Practices	cengage available	10.522.103		3	11,12	Pa houa	<a href="mailto:leepah@ntc.edu">leepah@ntc.edu</a>	<i>bachelor's degree plus 2 years of experience within a K12 system</i>
	EDU: Technology in Education	cengage available	10.522.104		3	11,12	Pa houa	<a href="mailto:leepah@ntc.edu">leepah@ntc.edu</a>	<i>bachelor's degree plus 2 years of experience within a K12 system</i>
	Intermediate Algebra with Applications	no cengage	10.804.118		4	10,11,12	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	Introduction to Diversity Studies	cengage available	10.809.172		3	11,12	Kimberly Waltz	<a href="mailto:waltz@ntc.edu">waltz@ntc.edu</a>	Master's Preferred or DPI License; 1701 - Broad Field Social Studies
	Introduction to Psychology	cengage available	10.809.198		3	11,12	Sam Buemi	<a href="mailto:buemi@ntc.edu">buemi@ntc.edu</a>	Master's preferred or DPI License; 1701 - Broad Field Social Studies-also Psychology Certification
	Introduction To Sociology	no cengage	10.809.196		3	11,12	Sam Buemi	<a href="mailto:buemi@ntc.edu">buemi@ntc.edu</a>	Master's Preferred or DPI License; 1701 - Broad Field Social Studies
	Introduction to Statistics	no cengage	10.804.189		3	11,12,	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	Math with Business Applications	no cengage	10.804.123		3	10,11,12	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	Oral Interpersonal Communication	cengage available	10.801.196		3	11,12	Rachel Holzinger	<a href="mailto:holzinger@ntc.edu">holzinger@ntc.edu</a>	Master's preferred or DPI license 300 English, 301 Broadfield Lang Arts, or 335 Lang Arts DPI license
	Trigonometry with Applications	no cengage	10.804.196		3	11,12	May Shaw	<a href="mailto:Shawm@ntc.edu">Shawm@ntc.edu</a>	Master's preferred or DPI License; 1400-Math
	Written Communication	cengage available	10.801.195		3	11,12	Rachel Holzinger	<a href="mailto:holzinger@ntc.edu">holzinger@ntc.edu</a>	Master's preferred or DPI license 300 English, 301 Broadfield Lang Arts, or 335 Lang Arts DPI license
<b>Pilot DC Classes</b>									
	General Chemistry	no cengage	10.806.134		4	11,12	Frank Fernandez	<a href="mailto:Fernande@ntc.edu">Fernande@ntc.edu</a>	