

# **COMPUTER NUMERIC CONTROL (CNC) TECHNICIAN**



*Two-Year Technical Diploma* 32-444-1

This two-year technical diploma program is designed to provide students with a broad technical background in both job-shop and production machining. The CNC Technician program was developed using the National Institute for Metalworking Standards (NIMS) and National Tooling & Machining Association standards. The courses are delivered in such a way to allow the students to experience a "hands-on" approach to learning. Furthermore, each student will spend his or her time learning in a practical setting.

Using the CNC/CAM software and equipment, including a four axis machining center, you will learn to select the proper tools and fixtures required to machine parts. A graduate of the program should be proficient in metal machining operations and planning procedures, demonstrating practical machining techniques in accordance with engineering drawing specifications.

Topics of study include Computer Numerical Control (CNC) programming; Computer Assisted Manufacturing (CAM) software; precision measuring devices including a CMM; precision CNC mills, CNC training and machining centers; blueprint reading; and applied shop mathematics. To complete the program, an internship is required.

## **Program Outcomes**

Apply basic safety practices in the machine shop

Interpret industrial/engineering drawings

- Apply precision measuring methods to part inspection
- Perform basic machine tool equipment set-up and operation
- Perform programming, set-up and operation of CNC Machine Tools

Perform advanced CNC machining operations

#### Graduates Have Found Employment As

- CNC Technician
- CNC Programmer
- CNC Machinist
- CNC Operator
- Machine Tool Operator
- Apprentice Machinist
- Machine Set-up Person
- Tool Room Machinist
- Maintenance Machinist

### Semester 1

421-310	Print Reading for Manufacturing	1
422-310	Metrology Fundamentals	1
420-312	Lathe Fundamentals 1	1
420-310	Milling Fundamentals 1	1
444-332	Layout & Benchwork	1
420-314	Semi-Precision Operations	1
444-336	CNC Lathe Fundamentals	1
444-335	CNC Mill Fundamentals	1
444-340	CNC Turning Operations 1	1
444-344	CNC Milling Operations 1	1
420-315	Turning Setup 1	1
420-317	Milling Setup 1	1
804-315	Trade Math	1
	Credits	13
Semester 2		
444-331	Blueprint Reading 2	1
422-311	Metrology Inspection	1
420-313	Lathe Fundamentals 2	1
420-311	Milling Fundamentals 2	1

Credits

Computer Numeric Control (CNC) Technician Generated 05/2025 | 2025-2026

### 2 - Computer Numeric Control (CNC) Technician Generated 05/2025



444-341     CNC Milling Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Mills     1       Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-338     Manufacturing Support Systems     1       444-338     Manufacturing Programming 1     1       444-342     CNC Turning Programming 1     1       444-342     CNC Milling Programming 1     1       444-344     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-344     Basic CAM - MasterCAM     1       444-345     CNC Milling Programming 2     1       444-347     CNC Mi		Total Credits	54
444-341     CNC furning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-316     Turning Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-338     Manufacturing Support Systems     1       422-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       444-346     CNC Turning Programming 1     1       444-343     CNC Turning Programming 2     1       444-344     CNC Turning Programming 2     1       444-345     Basic CAM - MasterCAM     1       444-347     CNC Milling Programming 2     1		Credits	14
444-341     CNC Furning Operations 2     1       444-345     CNC GCode Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       444-333     CNC G-Code Programming for Mills     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-338     Manufacturing Support Systems     1       422-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       444-346     CNC Milling Programming 1     1       444-354     Basic CAD - Solidworks and AutoCAD     1       444-354     Basic CAM - MasterCAM     1       444-354     CNC Milling Programming 2     1       444-347     CNC Milling Programming 3	801-311	Communication	2
444-341     CNC Turning Operations 2     1       444-345     CNC Grode Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       444-333     CNC G-Code Programming for Mills     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-338     Manufacturing Support Systems     1       422-312     Metrology Gauging/SPC     1       444-342     CNC Turning Programming 1     1       444-344     CNC Milling Programming 1     1       444-354     Basic CAD - Solidworks and AutoCAD     1       444-354     Basic CAM - MasterCAM     1       444-357     CNC Milling Programming 2     1       444-354     CNC Milling Programming 3 <td>444-356</td> <td>CNC Internship</td> <td>1</td>	444-356	CNC Internship	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Mills     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-334     Maufacturing Support Systems     1       442-312     Metrology Gauging/SPC     1       444-342     CNC Turning Programming 1     1       444-346     CNC Milling Programming 1     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1       444-348     CNC Milling Programming 2     1	444-357	CNC Capstone	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Mills     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-320     Machining Calculations     1       804-308     Shop Mathematics II     2     2       Credits     15     5     5       Semester 3     1     442-34     6     1       444-342     CNC Turning Programming 1     1     1       444-344     CNC Milling Programming 2 <td>420-319</td> <td>Surface Grinding Operations</td> <td>1</td>	420-319	Surface Grinding Operations	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-338     Manufacturing Support Systems     1       442-312     Metrology Gauging/SPC     1       444-338     Manufacturing Programming 1     1       1       444-338     Manufacturing Programming 1     1       444-338     Manufacturing Programming 1     1       444-336     CNC Turning Programming 1     1       444-344     CNC Milling Programming 1     1        Basic CAM - MasterCAM	444-355	Intermediate CAM - MasterCAM	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-338     Manufacturing Support Systems     1       422-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       444-342     CNC Milling Programming 1     1       444-343     CNC Turning Programming 2     1       444-344     Basic CAM - MasterCAM     1       444-347     CNC Milling Programming 2     1       444-347<	606-312	Intermediate CAD - Solidworks and AutoCAD	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-342     CNC Turning Programming 1     1       444-346     CNC Milling Programming 1     1       444-346     CNC Milling Programming 1     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1	444-339	CMM Concepts	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     444-338     Manufacturing Support Systems     1       444-342     CNC Turning Programming 1     1     1       444-342     CNC Turning Programming 1     1     1       444-346     CNC Milling Programming 1     1     1       444-343     CNC Turning Programming 2     1     1       444-344     Basic CAM - MasterCAM     1     1       444-343     CNC Turning Programming 2     1     1       444-343     CNC Turning Programming 2     1     1       444-347<	444-351	CNC Milling Problem Solving 2	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-342     CNC Turning Programming 1     1       444-342     CNC Turning Programming 1     1       606-310     GD&T Interpretations     1       444-346     CNC Milling Programming 1     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1       444-347     CNC Milling Programming 2     1       444-347     CNC Milling Programming 3     1	444-353	CNC Turning Problem Solving 2	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-320     Fixtures and Tooling - Lathes     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-338     Manufacturing Support Systems     1       444-338     Manufacturing Programming 1     1       444-342     CNC Turning Programming 1     1       606-310     GD&T Interpretations     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-343     CNC Turning Programming 2     1       444-343     CNC Turning Programming 2     1       444-343     CNC Milling Programming 2     1	444-350	CNC Milling Problem Solving 1	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-338     Manufacturing Support Systems     1       442-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       444-342     CNC Turning Programming 1     1       444-344     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1       444-337     Introduction to Gears & Gear Cutting     1	444-352	CNC Turning Problem Solving 1	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-316     Turning Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3       444-338     Manufacturing Support Systems     1       442-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       444-346     CNC Milling Programming 1     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1       444-337     Introduction to Gears & Gear Cutting     1 <	444-349	CNC Milling Programming 4	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       4422-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       444-342     CNC Turning Programming 1     1       444-346     CNC Milling Programming 1     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1       444	444-348	CNC Milling Programming 3	1
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-338     Manufacturing Support Systems     1       444-342     CNC Turning Programming 1     1       606-310     GD&T Interpretations     1       444-346     CNC Milling Programming 1     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-343     CNC Turning Programming 2     1       444-347     CNC Milling Programming 2     1	Semester 4		.2
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       442-312     Metrology Gauging/SPC     1       606-310     GD&T Interpretations     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-354     Basic CAM - MasterCAM     1       444-343     CNC Turning Programming 2     1       444-337     Introduction to Gears & Gear Cutting     1       444-347     CNC Milling Programming 2     1		Credits	12
444-341     CNC Turning Operations 2     1       444-345     CNC Milling Operations 2     1       444-334     CNC G-Code Programming for Lathes     1       444-333     CNC G-Code Programming for Mills     1       420-316     Turning Setup 2     1       420-318     Milling Setup 2     1       420-321     Fixtures and Tooling - Lathes     1       420-320     Fixtures and Tooling - Mills     1       420-325     Machining Calculations     1       804-308     Shop Mathematics II     2       Credits     15       Semester 3     1       444-338     Manufacturing Support Systems     1       444-342     CNC Turning Programming 1     1       606-310     GD&T Interpretations     1       444-346     CNC Milling Programming 1     1       606-311     Basic CAD - Solidworks and AutoCAD     1       444-354     Basic CAM - MasterCAM     1       444-347     CNC Milling Programming 2     1       444-337     Introduction to Gears & Gear Cutting     1	422-322	Metallurgy for Machinists	2
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31444-338Manufacturing Support Systems1444-342CNC Turning Programming 11444-346CNC Milling Programming 11606-311Basic CAD - Solidworks and AutoCAD1444-343CNC Turning Programming 21	444-337	Introduction to Gears & Gear Cutting	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31422-312Metrology Gauging/SPC1606-310GD&T Interpretations1444-346CNC Milling Programming 11606-311Basic CAD - Solidworks and AutoCAD1444-343CNC Turning Programming 21	444-347	CNC Milling Programming 2	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31422-312Metrology Gauging/SPC1606-310GD&T Interpretations1444-346CNC Turning Programming 11606-311Basic CAD - Solidworks and AutoCAD1444-354Basic CAM - MasterCAM1	444-343	CNC Turning Programming 2	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31422-312Metrology Gauging/SPC1606-310GD&T Interpretations1444-346CNC Turning Programming 11444-346CNC Milling Programming 11606-311Basic CAD - Solidworks and AutoCAD1	444-354	Basic CAM - MasterCAM	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31422-312Metrology Gauging/SPC1606-310GD&T Interpretations1444-342CNC Turning Programming 11	606-311	Basic CAD - Solidworks and AutoCAD	1
444-341CNC Turning Operations 21444-341CNC Furning Operations 21444-345CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31422-312Metrology Gauging/SPC1606-310GD&T Interpretations1444-342CNC Turning Programming 11	444-346	CNC Milling Programming 1	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31422-312Metrology Gauging/SPC1606-310GD&T Interpretations1	444-342	CNC Turning Programming 1	1
444-341CNC Turning Operations 21444-341CNC Furning Operations 21444-345CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 3444-338Manufacturing Support Systems1422-312Metrology Gauging/SPC1	606-310	GD&T Interpretations	1
444-341CNC Turning Operations 21444-341CNC Furning Operations 21444-345CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 31444-338Manufacturing Support Systems1	422-312	Metrology Gauging/SPC	1
444-341CNC Turning Operations 21444-341CNC Furning Operations 21444-345CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-325Machining Calculations1804-308Shop Mathematics II2Credits15Semester 3	444-338	Manufacturing Support Systems	1
444-341CNC Turning Operations 21444-341CNC Furning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1804-308Shop Mathematics II2Credits15	Semester 3		
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444-341CNC Turning Operations 21444-341CNC Furning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1420-325Machining Calculations1	804-308	Shop Mathematics II	2
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Fixtures and Tooling - Lathes1420-320Fixtures and Tooling - Mills1	420-325	Machining Calculations	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21420-321Eixtures and Tooling - Lathes1	420-320	Fixtures and Tooling - Mills	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for Lathes1444-333CNC G-Code Programming for Mills1420-316Turning Setup 21420-318Milling Setup 21	420-321	Fixtures and Tooling - Lathes	1
444-341 CNC Turning Operations 2 1   444-345 CNC Milling Operations 2 1   444-334 CNC G-Code Programming for 1 1   444-333 CNC G-Code Programming for Mills 1   444-336 CNC G-Code Programming for Mills 1	420-318	Milling Setup 2	. 1
444-341   CNC Turning Operations 2   1     444-345   CNC Milling Operations 2   1     444-334   CNC G-Code Programming for 1   1     Lathes   1	420-316	Turning Setup 2	. 1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21444-334CNC G-Code Programming for1	444-333	Lathes	1
444-341CNC Turning Operations 21444-345CNC Milling Operations 21	444-334	CNC G-Code Programming for	1
444-341CNC Turning Operations 21	444-345	CNC Milling Operations 2	1
	444-341	CNC Turning Operations 2	1

## General Education Courses Within Program

Code	Title	Credits
801-311	Communication	2
804-315	Trade Math	1
804-308	Shop Mathematics II	2