



CATALOG ADDENDUM TO
Grand Prairie Campus
2022-2024
Official School Catalog
Volume XXXVII

The information contained on this supplement is true and correct to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read 'Mike Couling'.

Mike Couling, Campus President

CORRECT the SOC CODE for the following program on page 14:

Collision Repair and Refinishing Technology

COL105BD – DIPLOMA PROGRAM

SOC CODE: 49-3021

CORRECT the CIP CODE and SOC CODE for the following program on page 9:

**Air Conditioning, Refrigeration, and Heating Systems
Technology Service Management**

HCRX100AS– ASSOCIATE OF APPLIED SCIENCE DEGREE PROGRAM

CIP CODE: 15.0501

SOC CODE: 49-9021

CORRECT the CIP CODE and SOC CODE for the following program on page 11:

Air Conditioning, Refrigeration, and Heating Systems Technology

HCRX100– DIPLOMA PROGRAM

CIP CODE: 15.0501

SOC CODE: 49-9021

ADD the note below to the following CAREER PROGRAMS:

Air Conditioning, Refrigeration, and Heating Systems Technology Service Management (Page 9)

HCRX100AS– ASSOCIATE OF APPLIED SCIENCE DEGREE PROGRAM

Automotive Service Management Technology (Page 10)

AUXX100AS– ASSOCIATE OF APPLIED SCIENCE DEGREE PROGRAM

Lincoln College of Technology, Grand Prairie, Texas has a written agreement with Lincoln College of Technology, Indianapolis, IN to instruct the general education courses of this program by distance education. There are no additional costs incurred as a result of completing these courses by distance education.

UPDATE the following scholarships on page 35:

**LINCOLN COLLEGE OF TECHNOLOGY ALSO PARTICIPATES
AND AWARDS THE FOLLOWING SCHOLARSHIPS:**

- Academic & Leadership Award Scholarship
- High School Scholarship Program
- First Responder Scholarship Program
- American Hero & Single Parent Scholarship Programs

Please refer to the catalog addendum for the latest offerings and scholarship detail information.

EFFECTIVE JANUARY 2, 2023

REVISE the following schedule on page 41:

Class Schedules

AUTOMOTIVE SERVICE TECHNOLOGY WITH BMW PROGRAM

MORNING SCHEDULE

Class Hours: Monday through Thursday

8:00 a.m. – 12:15 p.m.

Class and Break Times

8:00 a.m. – 8:50 a.m. (10 minute break at end of session)

9:00 a.m. – 9:50 a.m. (10 minute break at end of session)

10:00 a.m. – 10:50 a.m. (20 minute break at end of session)

11:10 a.m. – 12:15 p.m.

EVENING SCHEDULE

Class Hours: Monday through Thursday

6:00 p.m. – 10:15 p.m.

Class and Break Times

6:00 p.m. – 6:50 p.m. (10 minute break at end of session)

7:00 p.m. – 7:50 p.m. (10 minute break at end of session)

8:00 p.m. – 8:50 p.m. (20 minute break at end of session)

9:10 p.m. – 10:15 p.m.

EFFECTIVE FEBRUARY 1, 2023

REVISE the following policy on page 34:

Tools

All tools and materials for the programs must be purchased by the student. Special tools to be used in the program are supplied by the school on a loan basis. To be employable in industry, a graduate must be equipped with his own basic set of hand tools.

If the student does not already have his own tools, they can be purchased from the school or purchased from any outside source of the student's choice. The school cannot assume responsibility for the student's property on or off the school premises.

Any student enrolled in the Automotive, Diesel or Collision programs and starting classes after January 2, 2023, will be receiving MATCO tools from Lincoln College of Technology (LCT) in the very early stages of the curriculum to be used in your program of study. This MATCO tool program will replace any process previously described or offered through LCT.

EFFECTIVE FEBRUARY 6, 2023

REVISE the following schedule on page 41:

Class Schedules

COLLISION PROGRAM

approx. 16 Hrs./Wk: on ground; approx..4 hours /Wk online

MORNING SCHEDULE

Class Hours: Monday through Thursday

8:00 a.m. – 12:15 p.m.

Class and Break Times

8:00 a.m. – 8:50 a.m. *(10 minute break at end of session)*

9:00 a.m. – 9:50 a.m. *(10 minute break at end of session)*

10:00 a.m. – 10:50 a.m. *(20 minute break at end of session)*

11:10 a.m. – 12:15 p.m.

AFTERNOON SCHEDULE

Class Hours: Monday through Thursday

1:00 p.m. – 5:15 p.m.

Class and Break Times

1:00 p.m. – 1:50 p.m. *(10 minute break at end of session)*

2:00 p.m. – 2:50 p.m. *(10 minute break at end of session)*

3:00 p.m. – 3:50 p.m. *(20 minute break at end of session)*

4:10 p.m. – 5:15 p.m.

EVENING SCHEDULE

Class Hours: Monday through Thursday

6:00 p.m. – 10:15 p.m.

Class and Break Times

6:00 p.m. – 6:50 p.m. *(10 minute break at end of session)*

7:00 p.m. – 7:50 p.m. *(10 minute break at end of session)*

8:00 p.m. – 8:50 p.m. *(20 minute break at end of session)*

9:10 p.m. – 10:15 p.m.

EFFECTIVE APRIL 27, 2023

REMOVE the following approval on page 27:

Accreditation

- Oklahoma Board of Private Vocational Schools

Lincoln College of Technology, Grand Prairie no longer accepts admission applications or enrolls Oklahoma residents

REMOVE the OKLAHOMA CANCELLATION AND REFUND POLICY FOR OKLAHOMA RESIDENTS on page 33 under the following policy:

Refund Policy

REMOVE the GRIEVANCE POLICY FOR OKLAHOMA STUDENTS on page 37 under the following policy:

Student Complaint / Grievance Procedure

EFFECTIVE JUNE 14, 2023

REPLACE the following CAREER PROGRAM on page 17:

Welding and Fabrication Technology with Pipefitting

WLDX300 – DIPLOMA PROGRAM

Program fact sheet to follow

EFFECTIVE AUGUST 7, 2023

REVISE the following schedule on page 40:

Class Schedules

WELDING AND FABRICATION TECHNOLOGY WITH PIPEFITTING

approx. 16 Hrs./Wk: on ground; approx..4 hours /Wk online

MORNING SCHEDULE

Class Hours: Monday through Thursday

8:00 a.m. – 12:15 p.m.

Class and Break Times

8:00 a.m. – 8:50 a.m. (10 minute break at end of session)

9:00 a.m. – 9:50 a.m. (10 minute break at end of session)

10:00 a.m. – 10:50 a.m. (20 minute break at end of session)

11:10 a.m. – 12:15 p.m.

AFTERNOON SCHEDULE

Class Hours: Monday through Thursday

1:00 p.m. – 5:15 p.m.

Class and Break Times

1:00 p.m. – 1:50 p.m. (10 minute break at end of session)
2:00 p.m. – 2:50 p.m. (10 minute break at end of session)
3:00 p.m. – 3:50 p.m. (20 minute break at end of session)
4:10 p.m. – 5:15 p.m.

EVENING SCHEDULE

Class Hours: Monday through Thursday

6:00 p.m. – 10:15 p.m.

Class and Break Times

6:00 p.m. – 6:50 p.m. (10 minute break at end of session)
7:00 p.m. – 7:50 p.m. (10 minute break at end of session)
8:00 p.m. – 8:50 p.m. (20 minute break at end of session)
9:10 p.m. – 10:15 p.m.

EFFECTIVE AUGUST 22, 2023

ADD the following to the CAREER PROGRAMS section on page 7:

Electrical and Electronic Systems Technology

ESTX100 – DIPLOMA PROGRAM

Program fact sheet to follow

ADD the following schedule to page 40:

Class Schedules

Electrical and Electronic Systems Technology

approx. 16 Hrs./Wk: on ground; approx..4 hours /Wk online

MORNING SCHEDULE

Class Hours: Monday through Thursday

8:00 a.m. – 12:15 p.m.

Class and Break Times

8:00 a.m. – 8:50 a.m. (10 minute break at end of session)
9:00 a.m. – 9:50 a.m. (10 minute break at end of session)
10:00 a.m. – 10:50 a.m. (20 minute break at end of session)
11:10 a.m. – 12:15 p.m.

AFTERNOON SCHEDULE

Class Hours: Monday through Thursday

1:00 p.m. – 5:15 p.m.

Class and Break Times

1:00 p.m. – 1:50 p.m. (10 minute break at end of session)
2:00 p.m. – 2:50 p.m. (10 minute break at end of session)
3:00 p.m. – 3:50 p.m. (20 minute break at end of session)
4:10 p.m. – 5:15 p.m.

EVENING SCHEDULE

Class Hours: Monday through Thursday

6:00 p.m. – 10:15 p.m.

Class and Break Times

6:00 p.m. – 6:50 p.m. (10 minute break at end of session)

7:00 p.m. – 7:50 p.m. (10 minute break at end of session)

8:00 p.m. – 8:50 p.m. (20 minute break at end of session)

9:10 p.m. – 10:15 p.m.

EFFECTIVE OCTOBER 16, 2023

REVISE the following schedule on page 41:

Class Schedules

AUTOMOTIVE SERVICE TECHNOLOGY WITH BMW PROGRAM

MORNING SCHEDULE

Class Hours: Monday through Thursday

8:00 a.m. – 2:19 p.m.

Class and Break Times

8:00 a.m. – 8:50 a.m. (10 minute break at end of session)

9:00 a.m. – 9:50 a.m. (10 minute break at end of session)

10:00 a.m. – 10:50 a.m. (10 minute break at end of session)

11:00 a.m. – 11:50 p.m. (10 minute break at end of session)

12:10 p.m. – 1:00 p.m. (10 minute break at beginning of session)

1:00 p.m. – 1:50 p.m. (10 minute break at end of session)

2:00 p.m. – 2:19 p.m.

EVENING SCHEDULE

Class Hours: Monday through Thursday

4:00 p.m. – 10:19 p.m.

Class and Break Times

4:00 p.m. – 4:50 p.m. (10 minute break at end of session)

5:00 p.m. – 5:50 p.m. (10 minute break at end of session)

6:00 p.m. – 6:50 p.m. (10 minute break at end of session)

7:10 p.m. – 8:00 p.m. (10 minute break at beginning of session)

8:00 p.m. – 8:50 p.m. (10 minute break at end of session)

9:00 p.m. – 9:50 p.m. (10 minute break at end of session)

10:00 p.m. – 10:19 p.m.

Welding and Fabrication Technology with Pipefitting

WLDX300—DIPLOMA PROGRAM

DAY/AFTERNOON/EVENING PROGRAM

CIP CODE: 48.0508 SOC CODE: 51-4121

total instructional hours 1200
total semester credit hours* 50.0
approximate weeks to complete—day/aft/eve 52 (includes holidays and scheduled breaks)

*The listing of credit hours is not meant to imply that credits can be transferred into college or other private career school programs. Transfer credits are at the sole discretion of the receiving school.

program objective

The Welding and Fabrication Technology with Pipefitting program prepares students for entry level welder positions as structural welders. Students develop key fundamental skills during the initial courses and learn to apply these skills using different and more complex welding procedures. The welding procedures include Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW/MIG), Flux Core Arc Welding (FCAW), and Gas Tungsten Arc Gas Welding (GTAW/TIG). Using each of these procedures, students learn to weld plate in various positions including horizontal, vertical, and overhead. Students also learn various techniques for cutting and preparing metal for welding procedures.

Upon successful completion of all components of this program, the graduate should possess the working knowledge and skills to qualify as a structural welder using any one of three standard welding processes in construction, fabrication, or plant maintenance work

settings. Students should be able to successfully complete pre-qualification tests for any construction, structural, or pipe and/or fitting related projects.

Students will be required to complete out-of-class assignment in each course. In addition to the technical training, a critical aspect of a Lincoln education is developing the professional skills that are required by our employers. Students will need to demonstrate skill proficiency through a series of professional development activities and seminars which are integrated into each course. The modules include:

- Student Success
- Financial Literacy
- Professional Development
- Career Success

number	course	lecture hours	lab/shop hours	total hours	total credits	prerequisites
FOUNDATION COURSES						
WEL110	Welding and Cutting Fundamentals	60	60	120	5.0	
FOUNDATION TOTAL		60	60	120	5.0	
CORE COURSES						
WEL120*	Basic Arc Welding Procedures	60	60	120	5.0	WEL110
WEL130*	SMAW – Plate Welding	60	60	120	5.0	WEL110, WEL120
WEL140*	GMAW/FCAW (MIG) – Plate Welding	60	60	120	5.0	WEL110, WEL120, WEL130
WEL150*	GTAW (TIG) – Welding Procedures	60	60	120	5.0	WEL110, WEL120, WEL130
WEL160*	SMAW – Pipe Welding	60	60	120	5.0	WEL110, WEL120, WEL130, WEL140
WEL170*	GMAW/FCAW (MIG) – Pipe Welding	60	60	120	5.0	WEL110, WEL120, WEL130, WEL140
WEL180*	GMAW/GTAW – Fabrication Processes	60	60	120	5.0	WEL110, WEL120, WEL130, WEL140, WEL150
WEL200*	Introduction to Pipe Systems	60	60	120	5.0	WEL110, WEL120, WEL130, WEL140, WEL150, WEL160, WEL170, WEL180
WEL210*	Assembling and Joining Steel Pipe	60	60	120	5.0	WEL110, WEL120, WEL130, WEL140, WEL150, WEL160, WEL170, WEL180, WEL200
CORE COURSE TOTAL		540	540	1080	45.0	
TOTAL PROGRAM		600	600	1200	50.0	

NOTE: Course numbers and sequences are listed here for reference only. The actual delivery sequence of courses contained in this program may vary depending on individual campus scheduling. Maximum Time Frame: 75.0 semester credits.

*Prerequisite required.

Mode of Delivery: Residential, Blended Learning or Online are the methods we may use to deliver content in each course. The Residential courses are offered on ground at the campus. Blended courses are offered by delivering a fraction of the course in an online format as well as traditional face to face method. Online courses are delivered 100% online. The Blended delivery and online delivery plan will implement distance education activities into each course in the program of study. The use of simulations, case studies, assessments and multimedia will be used to enhance the students understanding of the learning objectives outlined in the course syllabus.



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LOANS AND GRANTS AVAILABLE TO THOSE WHO QUALIFY

WEL110 – WELDING AND CUTTING FUNDAMENTALS*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

In this course students are introduced to the type of tasks generally performed by welders and how their skills and knowledge are applied to both the construction and manufacturing industries. Because of its importance students will also learn how safety procedures apply to welding and cutting operations. They will also complete a ten-hour OSHA approved safety orientation that explains job site hazards, accident prevention, and standard safety procedures.

Students will learn to set-up and safely use oxyfuel metal cutting equipment and processes. They will then learn to read and interpret welding symbols from construction drawings. These symbols direct the student to use the correct welding procedure to meet the specifications.

Students will learn the classifications and types of welding electrodes used in arc welding. In addition, they will learn the criteria used to select the proper electrode for a specific application. Students will also properly set up SMAW arc welding equipment prior to beginning welding operations. They will learn about the different types of welding equipment and the types of current used in their operation. As a part of learning about the total scope of welding operations, students will be introduced to various welding codes and the agencies that govern these codes. They will see examples of weld imperfections and learn what causes these defects. Students will also be introduced to various weld testing procedures.

Prerequisite(s): None

WEL120 – BASIC ARC WELDING PROCEDURES*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

This course is a continuation of WEL110 Welding and Cutting Fundamentals and introduces new technical information as well as continues to develop fundamental arc welding skills.

As a continuation about the characteristics of metal, students will learn to properly prepare metal for cutting and welding operations. This includes cleaning and grinding operations. They will also learn some of the basic joints used in welding metals together. Students will then use plasma arc cutting equipment to cut metal at a faster rate with a cleaner cut. As metal is heated and cooled, its characteristics and strength can change considerably. Students learn how metal is formed when it transfers from a liquid to a solid form, what are identifying metal designations and structural shapes and the strength characteristics of various types of metal, and the effect heat has on the strength properties of metal.

Students will be given an opportunity to continue to develop their skills in operating electric arc welding equipment and developing SMAW arc welding control and application techniques. Students are expected to successfully weld weave and overlapping beads, horizontal fillet welds (2F position), vertical fillet welds (3F position), and overhead fillet welds (4F position). In the process they will use fit up gauges and measuring devices to be sure the metal is properly aligned before beginning welding operations.

Prerequisite(s): WEL110

WEL130 – SMAW – PLATE WELDING*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

In this course, students first learn a new technique for cutting, gouging, and “washing” steel using air carbon arc cutting and gouging equipment.

Students then use the welding techniques they developed in the first two courses and apply them to welding plate metal with open grooves. Students will learn to form grooves in plate metal and setup welding plate using a metal backing.

Students will learn to weld steel plate in a flat V-Groove (1G position), and vertical V-Groove (3G position). Students will also learn to weld V-Groove steel plate in the 1G, and 3G position.

Prerequisite(s): WEL110, WEL120

WEL140 – GMAW/FCAW (MIG) – PLATE WELDING*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

This course introduces students to Gas Metal Arc Welding and Flux Core Arc Welding processes used for welding carbon steel plate. Students will learn the similarities and differences for these two processes. They will learn to setup the welding machine, gas flow meter, and welding gun. Students will then practice welding plate in the Fillet Weld positions (1F, 2F, 3F, and 4F) and Open Root V-Groove positions (1G, 2G, 3G, and 4G) using both processes.

Prerequisite(s): WEL110, WEL120, WEL130

WEL150 – GTAW (TIG) –WELDING PROCEDURES*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

This course introduces students to Gas Tungsten Arc Welding (GTAW) processes. Students will learn the different components of GTAW equipment, the different

of filler metals used, and the types of shielding gases used in the welding process. They will learn to weld sheet steel, aluminum, and stainless steel in several basic joint designs to include butt weld, T-joint weld, and a lap weld.

Prerequisite(s): WEL110, WEL120, WEL130

WEL160 – SMAW – PIPE WELDING*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

In this course students apply their welding skills to welding large bore pipe. Similar to plate welding, an Open V-Groove is used for welding pipe. Students will learn the process for cutting the V-Groove to prepare pipe for welding procedures. They will also learn to align and clamp pipe in place prior to beginning welding.

Students will then learn to weld steel pipe in a flat (1G-Rotated) position, horizontal (2G) position, multiple (5G) position, and multiple inclined (6G) position using an SMAW open-root, V-Groove welding procedure. Welds will be tested using a destructive type bend test.

Prerequisite(s): WEL110, WEL120, WEL130, WEL140

WEL170 – GMAW/FCAW (MIG) – PIPE WELDING*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

This course teaches students to set up welding equipment for welding pipe using GMAW and FCAW procedures. Students will apply V-Groove techniques for welding mild steel pipe. They will weld pipe in the 1G-Rotated, and 6G positions for each of the two processes (GMAW and FCAW). Welds will be tested using a destructive type bend test.

Prerequisite(s): WEL110, WEL120, WEL130, WEL140

WEL180 – GMAW/GTAW – FABRICATION PROCESSES*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

This course applies both GMAW and GTAW welding procedures to various fabrication processes. Students set up equipment to weld various types of sheet metal. Using an assigned project, students will read and interpret drawings, learn to layout, cut and/or correctly apply bend reductions to specifications, and weld joints using weld designs and procedures learned in WEL140 and WEL150. Sheet metal application may be steel, stainless steel, and/or aluminum.

Prerequisite(s): WEL110, WEL120, WEL130, WEL140, WEL150

WEL200 – INTRODUCTION TO PIPE SYSTEMS*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

Although some students may already be welding steel alloy pipe, they may not know how steel pipe is configured and some of the basic components of a pipe system. In this course students learn how various pipe systems are used and how to identify piping systems according to color codes. They will learn the various types of fittings, where those fittings are typically applied, and the various types of valves used to control flow through the pipe system. They will be provided with an overview of the various steel alloy pipe sizes, schedules, and applicable codes. Students will practice pipe measurements and basic pipe layout using pipe drawings. And in the process will learn drawing pipe symbols and pipe drawing practices. As they are introduced to piping system fittings, students will learn to “field” fabricate these fittings. This provides an opportunity to become familiar with fitting shapes and uses but also allows them to continue to practice their welding skills. Welds will be inspected using visual and destructive testing methods.

Prerequisite(s): WEL110, WEL120, WEL130, WEL140, WEL150, WEL160, WEL170, WEL180

WEL210 – ASSEMBLING AND JOINING STEEL PIPE*120 Contact Hours (60 Lecture Hours/60 Lab Hours); 5.0 Semester Credit Hours*

This course builds on the student’s skills in welding carbon steel pipe using SMAW processes. Students will cut and prepare pipe for welding and learn the basic procedures and equipment used to properly align pipe prior to welding. They will then apply two basic welding procedures used in fabricating pipe systems. In the first procedure, students will learn socket weld procedures. They will learn to layout and properly determine the pipe lengths between pipe fittings, prepare the pipe and fittings for fit-up, and fabricate socket welds. In the second procedure, students will learn butt weld pipe procedures. They will learn to layout and properly determine pipe lengths between butt weld fittings, prepare the fittings and pipe for welding, and fabricate a basic pipe system using butt weld procedures. In addition, students will learn to select and properly install backing rings, fabricate welding jigs, and learn the use and care of welding clamps. Weld inspections will include visual and destructive testing methods. The final session will present an overview and introduction to non-destructive weld testing processes.

Prerequisite(s): WEL110, WEL120, WEL130, WEL140, WEL150, WEL160, WEL170, WEL180, WEL200

Electrical and Electronic Systems Technology

ESTX100—DIPLOMA PROGRAM

DAY/AFTERNOON/EVENING PROGRAMS

total instructional hours. 1200

total semester credits* 50

weeks to complete (day/aft/eve). . . approximately 52 (including holidays and scheduled breaks)

*The listing of credits is not meant to imply that credits can be transferred into college or other private career school programs. Transfer credits are at the sole discretion of the receiving school.

CIP CODE: 46.0302 SOC CODE: 47-2111

program objective

This program is designed to provide the essential skills and knowledge for the installation, troubleshooting, repair, and maintenance of commercial and residential entertainment, security, monitoring, and telecommunications systems. Students learn to install cable support structures; laying out and preparing pathways for wiring and cables; installing, securing, testing, and termination of wiring and cables both copper and fiber optic; program digital components and access controls to perform their designated tasks; install and set up media management systems; and perform system commissioning and user training of audio, video, and data systems. The program also prepares students on the essential skills and knowledge needed for entry-level residential electrician work. Students will train on the installation, service and maintenance areas of the residential electrical industry.

Upon completion of this program, graduates can meet the minimum requirements needed to be qualified as an entry-level technician in the residential and/or commercial telecommunications, fire alarm, intrusion detection, and signaling, entertainment, audio/video/data, and energy management systems. Student can also qualify as entry-level residential electrician's apprentice.

In addition to the technical training, a critical aspect of a Lincoln education is developing the professional skills that are required by our employers. Students will need to demonstrate skill proficiency through a series of professional development activities and seminars which are integrated into each course. The modules include: Student Success, Financial Literacy, Professional Development, and Career Success.

Students will be required to complete out-of-class assignment in each course.

number	course	lecture hours	lab hours	total hours	total credits	prerequisites
FOUNDATION COURSES						
EES101	Introduction to the Trades	60	60	120	5.0	
FOUNDATION TOTAL		60	60	120	5.0	
CORE COURSES						
EES102	Material Applications	60	60	120	5.0	
EES103	Electronic and Electrical Principles	60	60	120	5.0	
EES104	Basic Electricity	60	60	120	5.0	
EES105*	Electrical Wiring Principles	60	60	120	5.0	EES103, EES104
EES106*	Electrical Controls and PLC	60	60	120	5.0	EES101, EES103, EES104, EES105
EES108*	Fiber Optics, Telecommunication Systems & Networking	60	60	120	5.0	EES101, EES103, EES104
EES109*	Security Systems, Access Control and CCTV	60	60	120	5.0	EES101, EES103, EES104, EES105
EES110*	Fire Alarm Systems	60	60	120	5.0	EES101, EES103, EES104, EES105
EES111*	Home Theater, Satellite & System Integration	60	60	120	5.0	EES101, EES103, EES104, EES105
CORE COURSE TOTAL		540	540	1080	45.0	
TOTAL PROGRAM		600	600	1200	50.0	

NOTE: Course numbers and sequences are listed here for reference only. The actual delivery sequence of courses contained in this program may vary depending on individual campus scheduling. Maximum Time Frame: 75 semester credits.

*Prerequisite required.

Mode of Delivery: Residential, Blended Learning or Online are the methods we may use to deliver content in each course. The Residential courses are offered on ground at the campus. Blended courses are offered by delivering a fraction of the course in an online format as well as traditional face to face method. Online courses are delivered 100% online. The Blended delivery and online delivery plan will implement distance education activities into each course in the program of study. The use of simulations, case studies, assessments and multimedia will be used to enhance the students understanding of the learning objectives outlined in the course syllabus.

Lincoln College of Technology's Electrical and Electronic Systems Technology program is registered with the Texas Department of Licensing and Regulation (TDLR) as an approved Electrical Apprenticeship Program.



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EES101 – INTRODUCTION TO THE TRADES

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

The student will be taught how to use basic information for electrical and electronic industries as well as some basic concepts used in performing the electrical and low voltage technician's skill-sets. Material covered includes basic safety, mathematical principles focused on whole numbers, fractions, measurement, decimals, percentages, and the metric system. Additionally, students will be taught how to use hand tools and power tools most commonly used the trades, i.e.: screwdrivers, tape measures, hand saws, drills, etc.

Prerequisite(s): None

EES102 – MATERIAL APPLICATIONS

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

The student will learn how to use basic blueprint concepts, and the hardware and systems used by an electrical and electronics technician to mount and support boxes, receptacles, and other low voltage components. The student will learn how to use the various types of anchors and supports, their applications, and how to install them safely. Additionally, an overview of electrical raceways from source to destination provided. The student will learn how to use conduit types and bending techniques which completes the student's training in this course

Prerequisite(s): None

EES103 – ELECTRONIC AND ELECTRICAL PRINCIPLES

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course provides the student with a general introduction to the concepts used in Ohm's Law applied to DC series, parallel and combined circuits. This course also provides an introduction to concepts used in AC circuits. Topics include electrical theory, electromotive force, resistance, capacitance, inductance, impedance and power equations. Students will study Semiconductors and Integrated circuit theory with hands on lab time to reinforce the learning. Students will study schematic symbols and practice building circuits from schematic diagrams. Students also study appropriate application of proper diagnostic and maintenance procedures using electrical and electronic test equipment to include: meters, oscilloscopes, meg- ohm-meter, watt meters, frequency meters/generators, time domain reflectometers, continuity testers, recording instruments, and RF analyzers.

Prerequisite(s): None

EES104 – BASIC ELECTRICITY

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course introduces the student to the electrical trade and provides them with knowledge in the areas of Electrical safety and residential electrical services. It also introduces them to the National Electrical Code and how to find the applicable codes and requirements in the electrical trade. It further provides the student with knowledge in the areas of grounding and bonding of electrical systems; NEC regulations pertaining to grounding and bonding; equipment and devices used for grounding and bonding. Students will also learn about other types of equipment and devices used in the electrical and electronic trades.

Prerequisite(s): None

EES105* – ELECTRICAL WIRING PRINCIPLES

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course will provide the student with thorough understanding various types of conductors used in all types of electrical systems. Students will learn how to terminate conductors with different applications with the appropriate connector and/or terminal. Additionally, students will learn and practice installing conductors, pull and junction boxes using a variety of fasteners needed for a given application. Finally, they will learn the fundamentals of solar voltaic systems including design and configuration and installation.

Prerequisite(s): EES103, EES104

EES106* – ELECTRICAL CONTROLS AND PLC

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course will provide the student with a thorough understanding and functions of the various components used in motor control systems. The student will be introduced to the maintenance and troubleshooting functions of motor controls systems. The student will also learn about the different types of devices and components used within motors controls systems. The course will also focus on basic guidelines and procedural information for receiving and storing, handling and installing lamps and lighting fixtures. The student will learn about (NEMA) National Electrical Manufacturers Association as they prepare to work with magnetic coils and relays, contacts and holding circuit interlock and other structural features of solenoids, timers, starters and contactors. The student will also learn about fuses and circuit breakers. They will understand how they provide protection to electrical conductors and equipment against abnormal conditions. Students will also become familiar with Programmable Logic Controllers and programming them by usage of logic ladders.

Prerequisite(s): EES101, EES103, EES104, EES105

EES108* – FIBER OPTICS, TELECOMMUNICATION SYSTEMS & NETWORKING

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course provides the student knowledge of the basic operation of telephone systems, types of system cables, cable color coding, cable connectors, and installation techniques in addition to identifying the types of data networks, test equipment, and procedures used in testing cables. The student will use the proper procedure and technique to install fiber-optic cabling and support equipment, while describing or demonstrating the types of fiber-optic splicing and/or terminations to achieve an acceptable and "test verified" loss within a specified and acceptable range. In addition, the student will be able to network several computers together back to a main computer.

Prerequisite(s): EES101, EES103, EES104

EES109* – SECURITY SYSTEMS, ACCESS CONTROL AND CCTV

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course is designed to provide the student with the knowledge and skills to install and troubleshoot call signaling systems, entry/access control systems, intrusion detection, security, and surveillance systems (included is CCTV system and key components of a CCTV system) Students will learn the function and how to install and troubleshoot systems in the areas of access control, security systems and intrusion detection, video surveillance. The students will also gain fundamental knowledge of low voltage cabling used in these systems as well as other low voltage systems.

Prerequisite(s): EES101, EES103, EES104, EES105

EES110* – FIRE ALARM SYSTEMS

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course provides the student with the knowledge and skills required to successfully, plan, install and problem-solve, both standard Fire Alarm systems and Programmable Fire Alarm systems. Students will be taught the proper methods and equipment to use in residential and industrial fire- detection applications. Proper wiring/cable selection, fire-detection equipment selection, and system layout/planning will be obtained in this course of study. Programming of Fire Alarm devices and systems will be introduced. Theory of typical Fire Alarm software will be presented in this course of study. Hands-on practices of the software applications are included in the course of study.

Prerequisite(s): EES101, EES103, EES104, EES105

EES111* – HOME THEATER, SATELLITE AND SYSTEM INTEGRATION

120 Contact Hours (40 Hours Asynchronous, 20 Hours on campus for a total of 60 Lecture Hours, 60 Lab Hours on campus); 5.0 Credits

This course is designed to provide the student with the knowledge and skills required to install and troubleshoot rack systems, system integration, and residential systems integration. The students will be taught component function and how to install complete systems racks, residential automation systems. The students will be taught system commissioning and how to train client based systems. In addition, they will learn finish phase testing along with maintenance and repair.

Prerequisite(s): EES101, EES103, EES104, EES105

REVISE the first paragraph of the following policy on page 43:

Make-Up

Upon return to school following an absence, students are required to turn in any work that was due while they were absent in order to receive up to the original 100% credit. A reduction in credit for make-up work will be applied to all late submissions based on the following criteria:

- Up to 90% credit for all work turned in up to one week late from the date of your return.
- Up to 80% credit for all work turned in up to two weeks late from the date of your return.
- Any work turned in after two weeks late will receive a grade of 0%.

Availability for make-up on high stakes assessments (e. g. mid-terms and final exams) may be limited, and the date and time of make up on high stakes assessments must be agreed upon by faculty. Regardless of the timeframes referenced above, all work must be completed in a timely manner in order to process final grades, grade appeals and/or to resolve incomplete grades.

Any exceptions due to extenuating circumstances are managed at the discretion of the Director of Education and/or the Campus President. Documentation may be required to justify extenuating circumstances.

REVISE the following policy on pages 42-43:

Attendance

The technical nature of the training and graduate employability goals of the programs offered requires that students attend classes on a regular basis. Our expectation is that students will attend all sessions for courses in which they are registered. Class attendance is monitored daily commencing with the student's first official day of attendance and a student will be considered withdrawn from a course or courses when any of the following criteria are met:

- The fourteenth consecutive calendar day of absence (two weeks) with the exception of published holidays and breaks.
- Cumulative absences prevent the student's ability to master the course content during the remainder of the scheduled course, term, or semester as determined by the course syllabus.

Approved employment interviews (established per school policy) are not counted as absences for attendance purposes.

A student with attendance below 80% at an evaluation period will be issued a warning. A student with attendance below 80% at a subsequent evaluation period will be withdrawn. **(THIS PARAGRAPH UPDATED JANUARY 8, 2024)**

School approved field trips, employment interviews, and industry certification testing are not counted as absences for attendance purposes. For employment interviews the prospective employer must schedule the interview in advance through the Career Services Office. The Education Department management must approve the employment interview before it takes place for it to be recorded as an educational activity.

Students are allowed to make up 5% of the total course time in a course.

Students receiving funds from any state or federal agency may be subject to the additional attendance requirements of that specific agency.

A Pending Course Schedule (PCS) student status is a temporary period of non-attendance not to exceed a maximum of 60 calendar days. The status is intended to support student progression and is applied when a student has a course that is not available due to, but not limited to, interruption in their enrollment because of a course failure, a shift change, a leave of absence, or failure to meet graduation requirements. The PCS status is not included in the 150% maximum timeframe calculation.

Note: Calendar day calculations include all days visible on a calendar without exception.

REVISE the following policy on page 47:

Withdrawals and Incomplete Grades

A “W” withdrawal is issued to students who are withdrawn from the institution or course after the introductory period of enrollment and prior to the end of the module or term. Readmitted students must retake all “W” withdrawal graded courses. A “W” will not be calculated in the cumulative GPA, but counts as an attempt for satisfactory academic progress.

The mark of “WA” is assigned when a student withdraws from a class before the end of the Add/Drop period. It is not included when calculating grade point average or earned credits. Thus, it does not impact CGPA and does not negatively impact earned credits and, therefore it does not impact the student’s percent of completion.

An “I” incomplete is given to students who do not complete a test or required course work. The student has a maximum of 10 course days to complete the course work, the school may require less time in certain circumstances. If the coursework is not completed in the specified time, the student will receive a zero for the assignment which will be averaged into the GPA.

EFFECTIVE NOVEMBER 6, 2023

ADD the following policy to GENERAL STUDENT INFORMATION section on page 38:

Learning Resource Center

At Lincoln, we are dedicated to providing students with learning resources that enhance their educational journey and career readiness. Our learning resource system includes a wealth of online tools and facilities. Central to this system is our Learning Resource Center (“LRC”) that offers students access to a vast collection of online databases covering hundreds of subjects that are available 24/7. These databases house a variety of digital materials, including eBooks, scholarly journals, market reports, dissertations, working papers, streaming videos, and electronic journals. Both our online and campus-based LRC offer a focused setting to enhance the overall learning experience.

ADD the following policy to the ACADEMIC INFORMATION section on page 48:

Independent Study

In certain circumstances a student is unable to take a course at its scheduled time or a student might need a course to graduate that is not scheduled in the time remaining in his or her program. When this situation occurs, the school may authorize the student to take the course through independent study. In order to take a course through independent study, an approved plan must be signed by the applicable staff members at the school.

If the school grants the student permission to take the course through independent study, the student must agree in writing to the study plan including the syllabus that outlines the learning objectives, texts, course requirements, evaluation criteria, meeting dates, and examination dates for the course.

A student must meet the following conditions to take a course through independent study:

1. Successfully completed at least 50% of the credit hours required in the program;
2. Have an overall cumulative grade point average (CGPA) of at least 2.0;
3. Making satisfactory academic progress (SAP).

No more than 10% of a program offering is permitted to be delivered via independent study. Further, there may be some courses that do not lend themselves to independent studies. The school reserves the right to deny any student the ability to take a course through independent study.

ADD the following policy to the ADMISSIONS section on page 29:

Admission Procedures

Persons desiring to make application for admission should contact the School directly, or speak with an Admissions Representative. Applicants must:

1. Be interviewed by an Admissions Representative or other member of the School staff.
2. Complete an Enrollment Agreement (Student Contract).
3. Submit information which may be required to determine individual qualifications by program such as, but not limited to, proof of high school diploma or equivalent.
4. Complete any required entrance examination or learner assessment, if applicable.

REVISE the last bullet in the following policy on page 29:

Criteria for Admission

- Provide a fully executed Enrollment Agreement.

ADD as the last paragraph to the following policy on page 47:

Withdrawals and Incomplete Grades

Should this effect the students expected graduation date, students are notified via the web-based student portal (Lincoln's Student Portal).

REVISE the following policy on page 38:

Official Student Communication

Replace (MyCampusLinc) with (Lincoln's Student Portal)

ADD the following policy to the GENERAL STUDENT INFORMATION section on page 38:

Emergency Preparedness

Emergency preparedness information can be obtained in the following link:

https://www.lincolntech.edu/download/consumer/HS_ERP.pdf

EFFECTIVE JANUARY 2, 2024

REVISE the following policy in the FINANCIAL AID section on page 31:

LINCOLN BRIDGING THE GAP GRANT

The Lincoln Bridging the Gap Grant is a need-based institutional grant awarded to eligible full-time students who have remaining unmet calculated financial need. Eligibility for this program is determined based on the following criteria:

- Confirmed enrollment in an approved program of study
- Completed FAFSA for the applicable award year with an official Student Aid Index (SAI)
- Acceptance of all available student aid from federal, state, and other sources.

- Remaining financial need for direct costs (tuition, fees, and housing, if applicable) greater than \$500 after all other sources of student aid have been exhausted, including Federal Direct Loans and Federal PLUS Loans.

The Lincoln Bridging the Gap Grant amount will vary depending on each applicant's calculated financial need. The grant is awarded in up to two disbursements per academic year. Should funding cease, the grant will no longer be offered, but those students already awarded will continue to receive the grant until completion of, or withdrawal from their program.

ADD the following policy to the FINANCIAL AID section on page 31:

RELOCATION ASSISTANCE GRANT

The Relocation Assistance Grant (previously called Pride Grant) is an institutional grant available to students who are relocating 50 miles or more to attend a Lincoln Tech Campus to assist with expenses related to Lincoln Tech-owned housing, either on- or off-campus. Each eligible student may apply for one grant with an award of up to \$1,000. The grant will be prorated over the entire length of his/her program. Eligibility for this program is determined based on the following criteria:

- Confirmed enrollment in an approved program of study.
- Completed FAFSA for the applicable award year with an official Student Aid Index (SAI).
- Must be relocating 50 miles or more to attend a Lincoln Tech campus

Should funding cease, the grant will no longer be offered, but those students already awarded will continue to receive the grant until completion of or withdrawal from their program.

REVISE the fifth bullet in the FINANCIAL AID section on page 31:

FRIENDS AND FAMILY EDUCATION GRANT

- Must start training program by December 31, 2024

EFFECTIVE JANUARY 17, 2024

ADD the sentence below to the second paragraph of the following policy on page 37:

Student Complaint / Grievance Procedure

All formal complaints must be addressed to the Campus President in writing.

EFFECTIVE MARCH 1, 2024

REVISE the second paragraph in the following policy on page 29:

Introductory Period of Enrollment

Students who choose not to continue their enrollment at Lincoln College of Technology during the introductory period, will be charged for all books, uniforms, tools, and equipment not returned in new condition to the school.

REVISE the following policy on page 33:

**STUDENT FEE, TECHNOLOGY FEE,
BOOKS, TOOLS, & UNIFORMS REFUND POLICY**

Students who cancel enrollment or withdraw after receiving books and supplies may return these items if they are in good condition within five (5) days following a cancellation notice or twenty (20) days following date of withdrawal. Any refund due for student fees or technology fees will be prorated based on use.

ADD to the following policy on page 35:

Scholarships

High School Scholarship Program

General Information

The High School Annual Scholarship Award Program is for High School Seniors graduating in 2024 who start school by December 31, 2024. The student must be in good standing with their high school at graduation and must earn a high school diploma in order to take advantage of any award money. A preliminary scholarship competition is conducted in the form of aptitude testing. On the basis of test results, semi-finalists are selected and invited to submit a portfolio. The top ten semi-finalists with portfolios will be recognized. Semi-Finalists will return for an interview conducted by the scholarship committee comprised of volunteers representing business, industry, education and/or government not affiliated with LCT. This committee will evaluate each candidate on the basis of preliminary test results, professionalism, enthusiasm, personal conduct, and oral expression.

LCT will award applicants a \$500 scholarship to selected 2024 high school seniors who score between a 39-46 on the scholarship aptitude test. A \$1,000 scholarship will be awarded to selected 2024 high school seniors who score between a 47-55 on the scholarship aptitude test. Students can only receive one scholarship through this program. Students will not be able to combine scholarships awarded in the testing portion, semi-finalist, and finalist portion. The testing deadline for the \$500-\$1000 scholarship is December 31, 2024.

The ten finalists will be interviewed by the scholarship committee and each finalist will be awarded only one of the following based on his/her performance: a \$10,000 scholarship (1 available); \$7,500 scholarship (4 available); \$3,500 scholarship (2 available); \$2,500 scholarship (3 available). Scholarships will be awarded by June 30, 2024.

Portfolio Guidelines

The student must prepare a one-page essay of no less than 300 words on why they wish to attend Lincoln College of Technology. In addition, they will need to submit three (3) letters of recommendation which highlight their character, work ethic, and passion for the industry. These letters may be from a teacher, counselor, employer, community leader, or professional friend. Family members may not be used as a reference. The portfolios will be judged on professionalism, presentation, and content by an independent individual. Portfolio submission deadline is May 17, 2024. No late portfolios will be considered.

Finalist Award Breakdown

Total Awards	Number Awarded
\$10,000	1
\$7,500	4
\$3,500	2
\$2,500	3

FINALIST SCHOLARSHIP AWARD AMOUNTS

- 1- \$10,000 SCHOLARSHIP
- 4- \$7,500 SCHOLARSHIPS
- 2- \$3,500 SCHOLARSHIPS
- 3- \$2,500 SCHOLARSHIPS
- \$500 – IF APTITUDE SCORE IS 39-46
- \$1,000 – IF APTITUDE SCORE IS 47-55

Students can only receive one scholarship through this program, students will not be able to combine scholarships awarded in the testing portion, semi-finalist, and finalist portion.

Students first score will be score of record of the aptitude test unless an incomplete test has been logged in the system. The second chance would only be warranted for a system outage or internet failure.

Students can receive any combined Lincoln Scholarships / Grant not to exceed \$3,000.

- If a student receives any single Lincoln scholarship / Grant exceeding \$3,000, that will be the only scholarship awarded, no other Lincoln Scholarship / Grant can be combined.
- Gap Grants, Pride Grants and Academic Leadership Scholarships are excluded from the \$3,000 cap.

All scholarships must be applied for within 30 days of the start (with the exception of the Leadership Scholarships).

EFFECTIVE FOR START DATES BETWEEN OCTOBER 1, 2023 THROUGH OCTOBER 1, 2024

ADD to the following scholarship on page 35:

Academic & Leadership Award Scholarship

Background:

Lincoln Technical Institute (Group of Schools) is honored to offer the Academic & Leadership Award to qualified applicants. This \$2,500 award will go to thirty (30) current students annually throughout Lincoln Educational Services group of schools who exhibit leadership qualities, both in their personal lives and in their school career.

Eligibility Requirements:

In order to apply for the Award, an eligible student must:

- Currently attend a Lincoln Tech (Group of Schools) program for a minimum of 30 days
- Complete the application
- Complete the essay
- Minimum GPA of 3.0
- Title IV students must complete the Free Application for Federal Student Aid (FAFSA)

The student who earns this award must maintain satisfactory academic progress. Only students that meet the qualifications listed above can apply for this award.

Award:

Thirty (30) awards will be available annually (15 awards in February & 15 awards in August), to eligible students who apply, each in the amount of \$2,500. The award will be prorated over the entire length of his/her program and is specifically intended to cover expenses related to tuition costs. The Lincoln Award Committee will review all applications and select a finalist.

	<u>Submission OPENS</u>	<u>Submissions CLOSES</u>	<u>Winner Announced</u>
1.	October 1, 2023	November 15, 2023	February 1, 2024
2.	April 1, 2024	May 15, 2024	August 1, 2024

Contact Requirements:

The student portal provides a link, only during submission dates, that will allow students to complete the application/essay portion online. If a student chose to include recommendations, they must be completed and ready to upload at the time of submission. **The system will only allow one submission per student number.**

Note: Due to Veteran Affairs (VA) regulations, if the selected scholarship winner is also receiving VA educational benefits, we are obligated to inform the VA of this award. In some cases, fully funded VA beneficiaries may not receive any direct benefit from this award.

EFFECTIVE FOR ENROLLMENTS BETWEEN JANUARY 1, 2024 THROUGH DECEMBER 31, 2024

ADD to the following policy on page 35:

Scholarships

American Hero & Single Parent Scholarship Programs

Purpose:

Lincoln Scholarship Programs are designed to provide financial assistance to students who meet the criteria established below and want to enroll in one of the Lincoln Group of Schools* for enrollments between January 1, 2024 through December 31, 2024. By offering the *American Hero* and *Single Parent* Scholarships to future students who are interested in vocational career training, Lincoln continues to show its commitment to helping students reach their goals as it has done since opening its first school in 1946.

Eligibility Requirements:**

In order to apply for a Lincoln Scholarship, an eligible student must:

- Complete the application process to enroll;
- Complete the Free Application for Federal Student Aid (FAFSA);
- Enroll in the program of your choice by December 31, 2024; and
- Submit your Lincoln Scholarship application to the financial aid staff.

American Hero Scholarship applicants must submit proof of military service.

Those students awarded a scholarship must maintain satisfactory academic progress and also must attend the Lincoln Financial Literacy presentation within six weeks of enrollment. Only students that meet the qualifications listed above, and the admissions requirements in order to be considered an enrolled student, and who have demonstrated a financial need, can be awarded this scholarship.

Scholarship Award:

Each eligible student may apply for one scholarship with an award of \$1,000**. The scholarship will be prorated over the entire length of his/her program. A Lincoln designee will make the final decision regarding the award.

Applications can be submitted any time prior to enrollment periods established by the school of your choice. Winners of the scholarship will be notified in writing by school administration. The notification will include the amount being awarded and start date for the program.

Additional Scholarship Information:

In order to be eligible for the scholarship, a student must enroll between January 1, 2024 and December 31, 2024. Applications must be submitted on or before December 31, 2024. The scholarship will not be awarded to any student who defers their enrollment past the requisite time period. The amount and number of scholarships offered by each campus can vary based on the number of applications. This award is a scholarship and does not require any form of repayment to any of the Lincoln Group of Schools*.

These Scholarship programs can be suspended at any time. There would be no adverse impact on those students who were awarded a scholarship in the event that the Scholarship program was suspended.

Students can receive any combined Lincoln Scholarships / Grant not to exceed \$3,000.

- If a student receives any single Lincoln scholarship / Grant exceeding \$3,000, that will be the only scholarship awarded, no other Lincoln Scholarship / Grant can be combined.
- Gap Grants, Pride Grants and Academic Leadership Scholarships are excluded from the \$3,000 cap.

*The Lincoln Group of Schools includes those schools under the names of Lincoln Technical Institute, Lincoln College of Technology, and Euphoria Institute of Beauty Arts and Sciences.

**Recipients of the American Hero Scholarship may have their award applied to books and fees, if tuition is fully covered by other sources. All scholarships must be applied for within 15 days of the start (with the exception of the Leadership Scholarships).

EFFECTIVE FOR ENROLLMENTS BETWEEN JANUARY 1, 2024 THROUGH DECEMBER 31, 2024**ADD to the following policy on page 35:****Scholarships****First Responder Scholarship Program****Purpose:**

The Lincoln First Responder Scholarship is designed to provide financial assistance to Emergency Responders and immediate family members who meet the criteria established below and want to enroll in a qualifying program of study at one of the Lincoln Group of Schools* for enrollments between January 1, 2024 through December 31, 2024. By offering the Lincoln First Responder Scholarship to future students who are interested in vocational career training, Lincoln continues to show its commitment to helping students reach their goals as it has done since opening its first school in 1946.

Eligibility Requirements:

In order to apply for the Lincoln First Responder Scholarship, an eligible student must:

- Complete the application process to enroll;
- Provide proof of service documentation;
- Complete the Free Application for Federal Student Aid (FAFSA);
- Enroll in the program of your choice by December 31, 2024; and
- Submit your Lincoln First Responder Scholarship application to the financial aid staff.

Scholarship recipients must attend the Lincoln Financial Literacy presentation within six weeks of enrollment. Only students that meet the qualifications listed above, and the admissions requirements in order to be considered an enrolled student, and who have demonstrated a financial need, can be awarded this scholarship.

Scholarship Award:

Each eligible student may apply for one First Responder scholarship with an award of \$1,000. The scholarship will be prorated over the entire length of his/her program. A Lincoln designee will make the final decision regarding the award. The total scholarship amount will be calculated and awarded in installments at the completion of each term/semester subject to the student maintaining good academic standings.

Any student can apply for the scholarship. Applications can be submitted any time prior to enrollment periods established by the school of your choice. Winners of the scholarship will be notified in writing by school administration. The notification will include the amount being awarded and start date for the program.

Additional Scholarship Information:

In order to be eligible for the scholarship, a student must enroll between January 1, 2024 and December 31, 2024. Applications must be submitted on or before December 31, 2024. The scholarship will not be awarded to any student who defers their enrollment past the requisite time period. The amount and number of scholarships offered by each campus can vary based on the number of applications. This award is a scholarship and does not require any form of repayment to any of the Lincoln Group of Schools*.

This Scholarship program can be suspended at any time. There would be no adverse impact on those students who were awarded the scholarship in the event that the Scholarship program was suspended.

Students can receive any combined Lincoln Scholarships / Grant not to exceed \$3,000.

- If a student receives any single Lincoln scholarship / Grant exceeding \$3,000, that will be the only scholarship awarded, no other Lincoln Scholarship / Grant can be combined.
- Gap Grants, Pride Grants and Academic Leadership Scholarships are excluded from the \$3,000 cap.

*The Lincoln Group of Schools includes those schools under the names of Lincoln Technical Institute, Lincoln College of Technology, and Euphoria Institute of Beauty Arts and Sciences. All scholarships must be applied for within 15 days of the start (with the exception of the Leadership Scholarships).

Auto/Diesel AM, Afternoon & Evening	
Start	Grad
1/2/2024	2/6/2025
2/6/2024	3/12/2025
3/12/2024	4/16/2025
4/15/2024	5/21/2025
5/20/2024	6/26/2025
6/24/2024	7/30/2025
8/5/2024	9/4/2025
9/9/2024	10/8/2025
10/14/2024	11/12/2025
11/18/2024	12/18/2025
1/6/2025	2/5/2026

ASMT Associates AM & Afternoon	
Start	Grad
1/2/2024	7/30/2025
2/6/2024	9/4/2025
3/12/2024	10/8/2025
4/15/2024	11/12/2025
5/20/2024	12/18/2025
6/24/2024	2/5/2026
8/5/2024	3/12/2026
9/9/2024	4/15/2026
10/14/2024	5/20/2026
11/18/2024	6/25/2026
1/6/2025	7/29/2026

Auto w BMW AM, Afternoon & Evening	
Start	Grad
1/2/2024	5/21/2025
2/6/2024	6/26/2025
3/12/2024	7/30/2025
4/15/2024	9/4/2025
5/20/2024	10/8/2025
6/24/2024	11/12/2025
8/5/2024	12/18/2025
9/9/2024	2/5/2026
10/14/2024	3/12/2026
11/18/2024	4/15/2026
1/6/2025	5/20/2026

HVAC 10.0 AM, Afternoon & Evening	
Start	Grad
1/2/2024	2/6/2025
2/6/2024	3/12/2025
3/12/2024	4/16/2025
4/15/2024	5/21/2025
5/20/2024	6/26/2025
6/24/2024	7/30/2025
8/5/2024	9/4/2025
9/9/2024	10/8/2025
10/14/2024	11/12/2025
11/18/2024	12/18/2025
1/6/2025	2/5/2026

EEST AM, Afternoon & Evening	
Start	Grad
1/2/2024	2/6/2025
2/6/2024	3/12/2025
3/12/2024	4/16/2025
4/15/2024	5/21/2025
5/20/2024	6/26/2025
6/24/2024	7/30/2025
8/5/2024	9/4/2025
9/9/2024	10/8/2025
10/14/2024	11/12/2025
11/18/2024	12/18/2025
1/6/2025	2/5/2026

Auto w BMW Auto Grads only- AM	
Start	Grad
1/2/2024	4/11/24
4/15/2024	7/25/24
8/5/2024	11/13/24
11/18/2024	3/13/2025

Auto w BMW Auto Grads only- PM	
Start	Grad
3/12/2024	6/20/24
6/24/2024	10/9/24
9/9/2024	12/19/24

Collision AM & Afternoon & Evening	
Start	Grad
1/2/2024	2/6/2025
2/6/2024	3/12/2025
3/12/2024	4/16/2025
4/15/2024	5/21/2025
5/20/2024	6/26/2025
6/24/2024	7/30/2025
8/5/2024	9/4/2025
9/9/2024	10/8/2025
10/14/2024	11/12/2025
11/18/2024	12/18/2025
1/6/2025	2/5/2026

CNC Machining & Manufacturing Tech AM & Afternoon & Evening	
Start	Grad
1/5/24	10/3/24
2/1/24	10/31/24
2/28/24	12/2/24
3/26/24	1/13/2025
4/22/24	2/10/25
5/20/24	3/10/25
6/13/24	4/3/25
7/11/2024	5/1/25
8/13/2024	6/2/2025
9/10/2024	6/26/2025
10/7/24	7/23/2025
11/4/24	8/19/25
12/3/24	9/15/25
1/14/25	10/13/25
2/11/25	11/6/25
3/11/25	12/8/25

Welding Pipefitting AM, Afternoon & Evening	
Start	Grad
1/2/2024	2/6/2025
2/6/2024	3/12/2025
3/12/2024	4/16/2025
4/15/2024	5/21/2025
5/20/2024	6/26/2025
6/24/2024	7/30/2025
8/5/2024	9/4/2025
9/9/2024	10/8/2025
10/14/2024	11/12/2025
11/18/2024	12/18/2025
1/6/2025	2/5/2026

Welding and Metal Fabrication Technology Weekend	
Start	Grad
1/27/2024	12/8/2024
3/17/2024	2/8/2025
5/11/2024	3/30/2025
6/30/2024	5/24/2025
8/24/2024	7/13/2025
10/13/2024	9/6/2025
12/14/2024	10/26/2025

HVAC 10.0 Associates AM, Afternoon & Evening	
Start	Grad
1/2/2024	6/26/2025
2/6/2024	7/30/2025
3/12/2024	9/4/2025
4/15/2024	10/8/2025
5/20/2024	11/12/2025
6/24/2024	12/18/2025
8/5/2024	2/5/2026
9/9/2024	3/12/2026
10/14/2024	4/15/2026
11/18/2024	5/20/2026
1/6/2025	6/25/2026



Grand Prairie Campus
Official School Catalog
2022-2024
Volume XXXVII

School Administration and Faculty Catalog Addendum

Effective January 16, 2024

School Administration

Mike Couling
Campus President
BA, Texas A & I University
14 years' experience

Jennie Hargrove
Director of Administration
BS, Liberty International University
26 years' experience

Robert Gutierrez
Regional Director of High School Admissions
BA, UT Pan American
15 years' experience

Michael Guillory
Regional Director of High School Admissions
BS, University of Phoenix
16 years' experience

Sean Meeks
Director of Admissions
BA, Univ. of Texas at Arlington
10 years' experience

Phyllis Werner
Director of Career Services
MBA, Keller Graduate School
MPA, Keller Graduate School
8 years' experience

Academic Dean

Jason Jimerson
BA, Cameron University
MSM, Kaplan University
21 years' experience

Director of Education

Rick Calverley – CNC/HVAC
25 years' experience

Education Supervisors

Todd Waller-Welding
25 years' experience

George Deaver-Welding
38 years' experience

Thomas Felgar-Auto/Diesel
17 years' experience

Stephen Reed-Auto/Diesel
9 years' experience

Faculty

AUTO/DIESEL

Bryan Anderson
27 years' experience

Ralph Andrade
31 years' experience

Terry Bollinger
33 years' experience

Larry Fraley
30 years' experience

Matthew Glidewell
13 years' experience

Marcus Glidewell
10 years' experience

Patrick Hoisington
8 years' experience

Rogencio Jaramillo
10 years' experience

Jimmie Kidd
45 years' experience

Michael McCullar
15 years' experience

Charles Pike
21 years' experience

Jeff Unruh
10 years' experience

Alan Reimer
30 years' experience

Richard Schermerhorn
25 years' experience

Christopher Garrett
18 years' experience

William Robinson
27 years' experience

William Schultz
33 years' experience

Thomas St. Clair
47 years' experience

Edward Watters
33 years' experience

Cleveland Wheeler
10 years' experience

Kenneth Troy Willson
10 years' experience

A/C REFRGERATION

Jim Bell
4 years' experience

Thomas Miller
5 years' experience

Ramon Bueno
15 years' experience

Dewayne Winningham
13 years' experience

Richard Ehrhardt
11 years' experience

David Piper
27 years' experience

Juan Torres
4 years' experience

Dustin Bryant
10 years' experience

Bronchee Mims
15 years' experience

Al Faisil
7 years' experience

WELDING

Angel Sigala
4 years' experience

Kenneth Gyure
4 years' experience

Ian Velarde
4 years' experience

Adam Phan
4 years' experience

Steven Midkiff
12 years' experience

Patrick Conti
17 years' experience

Sandra Green
4 years' experience

James Yale
7 years' experience

Stephen Rankey
5 years' experience

Reginald Bacrantz
4 years' experience

Dillon Tillery
4 years' experience

Christopher Lane
4 years' experience

Manuel Naranjo
4 years' experience

Marty Thomas
10 years' experience

Clinton Hart
5 years' experience

Rene Hernandez
8 years' experience

CNC

Jeremy Biscoe
17 years' experience

Jacob Gill
10 years' experience

Stephen Gill
5 years' experience

Christopher Armijo
8 years' experience

Andy Phan
5 years' experience

COLLISION

Johnnie Brezina
47 years' experience

Gary Hensley
50 years' experience

Lonnie Jackson
38 years' experience

Joshua Arnold
5 years' experience

Adam Coffey
17 years' experience

BMW

Michael Angell
16 years' experience

Lewis O'Neal
15 years' experience

Jonathan Heath
22 years' experience

EEST

Theodore Farina
Master Electrician
47 years' experience

David Harrell
Master Electrician
35 years' experience

Rickey Yates
Master Electrician
18 years' experience

Gerald Trainor
Master Electrician
32 years' experience

GENERAL EDUCATION

Mozella Harrison
Associates in Applied Science
Oklahoma State University

University of Oklahoma
Bachelors of Liberal Studies

Grand Canyon University
Master of Education-Special Education

Purdue Global University
Master of Science in Homeland Security &
Emergency Management
Graduate Certificate in Online College Teaching



**2915 Alouette Drive
Grand Prairie, TX 75052
(972) 660-5701**

*A Branch Campus of Lincoln College of Technology
7225 Winton Drive
Building #128
Indianapolis, IN 46268
(317) 632-5553*

**Schedule of Fees Catalog Addendum
For all Enrollments on or after March 1, 2024**

Automotive Service Management Technology - AUXX100AS			
<i>1545-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	39,746.00	
Books	\$	615.00	
Uniforms	\$	75.00	
Student Fees	\$	729.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,821.00	
Total	\$	43,136.00	

Automotive Service Technology - AUXX100			
<i>1320-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	36,091.00	
Books	\$	396.00	
Uniforms	\$	75.00	
Student Fees	\$	704.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,821.00	
Total	\$	39,237.00	

Diesel and Truck Service Technology - MHTX100			
<i>1320-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	36,091.00	
Books	\$	514.00	
Uniforms	\$	75.00	
Student Fees	\$	704.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,821.00	
Total	\$	39,355.00	

CNC Machining and Manufacturing Technology - CMMT100D			
<i>900-Hour Day or Evening Program</i>			
Tuition	\$	21,050.00	
Books	\$	191.00	
Uniforms	\$	87.00	
Student Fees	\$	930.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,796.00	
Total	\$	24,204.00	

Collision Repair and Refinishing Technology - COL105BD			
<i>1000-Hour Day or Evening Program</i>			
Tuition	\$	26,290.00	
Books	\$	-	
Uniforms	\$	75.00	
Student Fees	\$	730.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,821.00	
Total	\$	29,066.00	

Automotive Service Technology with BMW - AUXX100BMW			
<i>1680-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	43,126.00	
Books	\$	396.00	
Uniforms	\$	433.00	
Student Fees	\$	896.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,821.00	
Total	\$	46,822.00	

Welding and Metal Fabrication Technology - WLD101C			
<i>720-Hour Weekend Program</i>			
Tuition	\$	20,976.00	
Books	\$	458.00	
Uniforms	\$	202.00	
Student Fees	\$	1,944.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,538.00	
Total	\$	25,268.00	

Electrical and Electronic Systems Technology - ESTX100			
<i>1200-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	27,990.00	
Books	\$	617.00	
Uniforms	\$	87.00	
Student Fees	\$	900.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,669.00	
Total	\$	31,413.00	

Air Conditioning, Refrigeration and Heating Systems Technology - HCRX100			
<i>1200-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	28,870.00	
Books	\$	376.00	
Uniforms	\$	87.00	
Student Fees	\$	830.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,678.00	
Total	\$	31,991.00	

Air Conditioning, Refrigeration and Heating Systems Technology Service Management - HCRX100AS			
<i>1425-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	32,525.00	
Books	\$	595.00	
Uniforms	\$	87.00	
Student Fees	\$	855.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,678.00	
Total	\$	35,890.00	

Welding and Fabrication Technology with Pipefitting - WLDX300			
<i>1200-Hour Day, Afternoon or Evening Program</i>			
Tuition	\$	34,960.00	
Books	\$	810.00	
Uniforms	\$	202.00	
Student Fees	\$	3,240.00	
Technology Fee	\$	150.00	
Estimated Cost of Tools	\$	1,538.00	
Total	\$	40,900.00	

Transcript Request Fee: \$10.00

Hussmann TechX (Supermarket Refrigeration)

DAY/AFTERNOON SEMINAR

GP Grand Prairie Campus

total instructional hours. . . 240

weeks to complete–day/aft . . approximately 8 (includes holidays and scheduled breaks)

*The listing of credits is not meant to imply that credits can be transferred into college or other private career school programs. Transfer credits are at the sole discretion of the receiving school.

program objective

The dramatic growth of the HVACR industry in recent years coupled with the reduced number of young people entering the skilled trades has left the Supermarket Refrigeration Service industry in a potential crisis. As the demand for skilled technicians increases, the number of available technicians shrinks as the current workforce begins to retire. Per the Bureau of Labor Statistics, Supermarket Refrigeration Service Technician is currently the most difficult position to fill with an average time period of 44 days between job posting and filling the position. Due to the level of complexity of supermarket refrigeration equipment, entry-level technicians typically require 2-6 months of on-the-job training before they can work unsupervised. The goal of the TechX program is to make the Supermarket Refrigeration Service Industry more accessible to students who have completed post-secondary HVAC training programs.

In order to prepare HVAC students with advanced skills in Supermarket Refrigeration, the common principles of HVAC will be reviewed and expanded on in light of the equipment used in the Supermarket Refrigeration Industry. Students will learn how to service and maintain self-contained cases, remote cases, walk-in coolers and freezers. They will be introduced to microprocessor-based controls and basic preventive maintenance practices. Students will receive training on conventional condensing units and rack systems with remote condensers that are commonly used in the Supermarket Refrigeration Industry. In addition, students' Employability Skills will be enhanced through a study of the Hussmann Behaviors for Success. Upon completion of this course, students will be prepared to perform preventive maintenance and low-level service calls on Supermarket Refrigeration equipment.

admissions requirements

Candidates for Hussmann TechX must meet or exceed the following requirements prior to admission:

- Graduate from an approved post-secondary HVAC program before the Hussmann classes begin.
- Attained a minimum of a 2.5 grade point average during their post-secondary education.
- Achieved a documented minimum of 90% attendance during their post-secondary education.
- Must pass a Hussmann assessment.
- Valid U.S. driver's license and able to drive standard shift.
- Acceptable driving record.
- Drug free; must be able to pass a drug test at any time and have no criminal or gang affiliation.
- Have an updated resume for the interview and must participate in an acceptance interview.
- Must agree to a minimum of one year of employment with Hussmann.
- Willingness to relocate; relocation may be necessary to become a career Hussmann technician.
- Have the desire to be a team player and present a professional appearance.

Hussmann Services Corporation does not discriminate against any seminar participant or applicant or against any employee or applicant for employment, because of race, color, religion, sex, sexual preference, age, national origin, disability or veteran status.

number	course	lecture hours	lab/shop hours	total hours	prerequisite
HCC1	Refrigeration Basics	10	20	30	
HCC2	Refrigeration Electrical	20	40	60	
HCC3	Piping and Brazing	10	20	30	
HCC4	Refrigeration Components	20	40	60	
HCC5	RMCS Controls	10	20	30	
HCC6	Preventative Maintenance	10	20	30	
TOTALS		80	160	240	

NOTE: Course numbers and sequences are listed here for reference only. The actual delivery sequence of courses contained in this seminar may vary depending upon scheduling needs.



GRAND PRAIRIE CAMPUS

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972.660.5701

This program is out of the commission's scope of accreditation and is not approved by ACCSC.

www.lincolntech.edu

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HCC1 – REFRIGERATION BASICS*30 Contact Hrs (10 Lecture, 20 Lab/Shop)*

This course is a review of refrigeration safety, fundamentals, and the refrigeration cycle. Refrigerants, refrigerant oil, and recovery/ evacuation/ charging best practices will also be covered. Students will be introduced to the equipment in the Supermarket Refrigeration lab, and lab work is designed to familiarize students with cases, walk-ins, racks, and condensing units that most will not have worked on before.

Prerequisite: None

HCC2 – REFRIGERATION ELECTRICAL*60 Contact Hrs (20 Lecture, 40 Lab/Shop)*

This course is a review of electrical safety and fundamentals. Students will review basic circuits and Ohm's Law as well as proper use of the digital multimeter. They will receive training on reading wiring diagrams and schematics, electrical components common to supermarket refrigeration equipment, and basic troubleshooting procedures. Much of the time spent in the lab will be familiarizing students with new types of equipment and giving them a fundamental understanding of how the electrical components work together. Students will be given "service calls" on all types of equipment and be required to troubleshoot and solve common supermarket refrigeration electrical problems.

Prerequisite: None

HCC3 – PIPING AND BRAZING*30 Contact Hrs (10 Lecture, 20 Lab/Shop)*

This course is a study of the materials, equipment, and processes for installing field piping in supermarkets. Methods of joining copper tubing, brazing, and soldering will be covered. Students will also become familiar with layout and design issues for supermarket refrigeration field piping, especially sizing and oil return. Students will have the opportunity to pipe in, leak check, evacuate, and start up a conventional system as a part of this one-week module.

Prerequisite: None

HCC4 – REFRIGERATION COMPONENTS*60 Contact Hrs (20 Lecture, 40 Lab/Shop)*

This course is an in-depth study of the electromechanical controls and components common to refrigeration systems. In order to be able to troubleshoot refrigeration equipment, a thorough understanding of all system components and how they work together is necessary. Students will begin by studying the least complex (self-contained cases), then study the components and operation of conventional units tied to remote cases. Finally, students will be introduced to rack refrigeration and the function of the valves, electromechanical controls, and other components. Students will be given "service calls" that allow them to troubleshoot and solve common supermarket refrigeration mechanical problems.

Prerequisite: None

HCC5 – RMCS CONTROLS*30 Contact Hrs (10 Lecture, 20 Lab/Shop)*

This course is a study of common micro-processor based controls used in the supermarket refrigeration industry. Students will be introduced to system components (interfaces, relay boards, AI and DI boards, etc) and how they are configured. Students will learn how to navigate through the menus of Emerson E2 controllers in order to view system alarms, status, and logs. Students will learn how to put circuits into emergency defrost.

Prerequisite: None

HCC6 – PREVENTATIVE MAINTENANCE*30 Contact Hrs (10 Lecture, 20 Lab/Shop)*

This course is a study of the practices and procedures necessary to maintain supermarket refrigeration equipment in proper working order. Best practices for leak checking and coil washing will be covered, and students will learn what to look for while performing PM's on equipment in the lab.

Prerequisite: None