Career and Technical Education

Note: See individual course syllabus for detailed information and completion requirements.

NCCER Courses

Below are the Career and Technical courses offered in adult institutions, in cooperation with the *National Center for Construction Education and Research* (NCCER).

National Cent	er jor construction Laucation and Neseuren (Necely).
CT Fundamentals	
Course Description	This course is designed to meet the needs of the beginning offender in the Career and Technical fields or as a refresher to the experienced craftsman. CT-Fundamentals may be taken as a stand-alone course or concurrently with a trade enrollment; however, it is a mandatory component and prerequisite for the completion of all NCCER and NOCTI Career and Technical Education courses offered in adult institutions.
Course	A minimum of six (6) hours of class time per week for a minimum of six (6)
Length	calendar months.
Educational	90 days
Good Time	
(EGT)	
	GED® or a high school diploma
	TABE 11/12 assessment minimum scores:
	○ Reading – 501
Admission	○ Math – 496
Criteria	A Work Ready (NCRC or WIN) credential is required for course
	completion (may be completed concurrently)
	Offender must not be eligible for parole or serve out within ten months
	of enrollment date
Course	NCCER Core Curricula: Basic Safety, Introduction to Construction Math, Introduction to Hand Tools, Introduction to Power Tools, Introduction to Construction Drawings, Basic Communication Skills; Basic Employability Skills; Introduction to Materials Handling
Content	OSHA Construction 10-Hour card
	OSHA General Industry 10-Hour card
	Work Readiness assessment (if not already completed)
	NCCER Your Role in the Green Environment
Applicable	CPP 20.1
Policies	D. H.O
	Bell County Forestry Camp (BCFC)
Institution	Blackburn Correctional Complex (BCC)
Locations	Eastern KY Correctional Complex (EKCC)
	Green River Correctional Complex (GRCC) KY Correctional Institution for Women (KCIW)
	KY Correctional institution for women (KCIW)

CT Fundame	entals
CTTanaanic	KY State Penitentiary (KSP)
	Lee Adjustment Center (LAC)
	Little Sandy Correctional Complex (LSCC)
	Luther Luckett Correctional Complex (LLCC)
	Northpoint Training Center (NTC)
	Roederer Correctional Complex (RCC)
	Southeast State Correctional Complex (SSCC)
	Western KY Correctional Complex (WKCC)
	 All module exams must be passed by a minimum score of 70%
	 All performance exercises must be completed as "Satisfactory" in
	accordance with NCCER standards.
	 Work Ready assessment must be completed at the achievement level 3
	(Silver), level 4 (Gold), or level 5 (Platinum) prior to course completion.
	Assessment results will be maintained in NCCER's National Registry and
	become a part of each candidate's assessment records. These records are
	stored and become a portable record of the candidate's training and
Additional	assessment achievements.
Information	
	Upon successful completion of all course requirements, the Education
	Administrator will submit the student transcript to Central Office at
	DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive:
	KDOC course transcript
	NCCER transcript
	OSHA Construction 10-Hour card
	OSHA General Industry 10-Hour card

Carpentry	
Course	Introduction to Carpentry and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	
Educational	90 days
Good Time	
(EGT)	
	CT-Fundamentals completed transcript (or concurrent enrollment)
Admission	GED® or a high school diploma
Criteria	TABE 11/12 assessment minimum scores:
Criteria	○ Reading – 501
	o Math - 496

Carpentry	
)	 Offender must not be eligible for parole or serve out within 15 months of enrollment date
Course Content	 Level I - Key content includes: Orientation to the Trade; Building Materials, Fasteners, and Adhesives; Hand and Power Tools; Introduction to Construction Drawings, Specifications, and Layout; Floor Systems; Wall Systems; Ceiling Joist and Roof framing; Basic Stair Layout; Introduction to Building Envelope Systems Level II – Key content includes: Commercial Drawings, Roofing Applications, Thermal and Moisture Protection, Exterior Finishing, Cold-Formed Steel Framing, Drywall Installation, Drywall Finishing, Doors and Door Hardware, Suspended Ceilings, Window, Door, Floor, and Ceiling Trim, and Cabinet Installation. Cabinetmaking - provides the basic information needed to construct and apply finishes to custom cabinetry. It identifies and discusses various types of wood products, wood-joining techniques, power tools, cabinet doors, shelves, and hardware. Specific guidance is also provided for the installation of laminated countertops
Applicable Policies	CPP 20.1
Institution Locations	Eastern KY Correctional Complex (EKCC) Green River Correctional Complex (GRCC) Lee Adjustment Center (LAC) Little Sandy Correctional Complex (LSCC) Northpoint Training Center (NTC) Southeast State Correctional Complex (SSCC) Western KY Correctional Complex (WKCC)
Additional Information	 All module exams must be passed by a minimum score of 70% All performance exercises must be completed as "Satisfactory" in accordance with NCCER standards. Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's assessment records. These records are stored and become a portable record of the candidate's training and assessment achievements. Upon successful completion of all course requirements, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award. The offender will receive: KDOC course transcript NCCER course transcript

Floctrical	
Electrical Course	Introduction to Electricity and work roady skills
Description	Introduction to Electricity and work ready skills
Course	Requires a minimum of ten (10) months for completion
Length	Requires a minimum of ten (10) months for completion
Educational	90 days
Good Time	30 days
(EGT)	
Admission Criteria	 CT-Fundamentals completed transcript (or concurrent enrollment) GED® or a high school diploma TABE 11/12 assessment minimum scores: Reading – 501 Math - 496 Offender must not be eligible for parole or serve out within 15 months of enrollment date
Course Content	 Level I - Key content includes: Orientation to the Electrical Trade, Electrical Safety, Introduction to Electrical Circuits, Electrical Theory, Introduction to the National Electrical Code, Device Boxes, Hand Bending, Raceways and Fittings, Conductors and Cables, Basic Electrical Construction Drawings, Residential Electrical Services, and Electrical Test Equipment. Level II – Key content includes: Alternating Current, Motors: Theory and Application, Electric Lighting, Conduit Bending, Pull and Junction Boxes, Conductor Installations, Cable Tray, Conductor Terminations and Splices, Grounding and Bonding, Circuit Breakers and Fuses, Control Systems and Fundamental Concepts. Level III - Key content includes: Load Calculations – Branch and Feeder Circuits, Conductor Selection and Calculations, Practical Applications of Lighting, Hazardous Locations, Overcurrent Protection, Distribution Equipment, Transformers, Commercial Electrical Services, Motor Calculations, Voice, Data, and Video, and Motor Controls.
Applicable	CPP 20.1
Policies	
Institution Locations	KY Correctional Institution for Women (KCIW) Northpoint Training Center (NTC) Western KY Correctional Complex (WKCC)
Additional Information	 All module exams must be passed by a minimum score of 70% All performance exercises must be completed as "Satisfactory" in accordance with NCCER standards. Assessment results will be maintained in NCCER's National Registry and
	become a part of each candidate's assessment records. These records are

Electrical	
	stored and become a portable record of the candidate's training and assessment achievements.
	Upon successful completion of all course requirements, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive:
	KDOC course transcript
	NCCER course transcript

Heating, Ve	entilation and Air Conditioning (HVAC)
Course	Introduction to Heating, Ventilation, and Air Condition and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	
Educational	90 days
Good Time	
(EGT)	
	CT-Fundamentals completed transcript (or concurrent enrollment)
	GED® or a high school diploma
Admission	TABE 11/12 assessment minimum scores:
Criteria	Reading – 501
Citteria	o Math - 496
	 Offender must not be eligible for parole or serve out within 15 months
	of enrollment date
	• Level I - Key content includes: Introduction to HVAC, Trade Mathematics,
	Basic Electricity, Introduction to Heating, Introduction to Cooling,
	Introduction to Air Distribution Systems, Basic Copper and Plastic Piping
	Practices, Soldering and Brazing, and Basic Carbon Steel Piping Practices
	Level II - Key content includes: Introduction to HVAC, Trade
	Mathematics, Basic Electricity, Introduction to Heating, Introduction to
Course	Cooling, Introduction to Air Distribution Systems, Basic Copper and
Content	Plastic Piping Practices, Soldering and Brazing, and Basic Carbon Steel
	Piping Practices
	Level III - Key content includes: Fasteners, Hardware and Wiring
	Terminations, Control Circuit and Motor Troubleshooting,
	Troubleshooting Cooling, Troubleshooting Heat Pumps, Troubleshooting
	Gas Heating, Troubleshooting Oil Heating, Troubleshooting Accessories,
	Zoning, Ductless, and Variable Refrigerant Flow Systems, Commercial

Heating, Ventilation and Air Conditioning (HVAC)	
	Hydronic Systems, Steam Systems, Retail Refrigeration Systems, and Customer Relations.
Applicable Policies	CPP 20.1
Institution Locations	Eastern KY Correctional Complex (EKCC)
Additional Information	 All module exams must be passed by a minimum score of 70% All performance exercises must be completed as "Satisfactory" in accordance with NCCER standards. Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's assessment records. These records are stored and become a portable record of the candidate's training and assessment achievements. Upon successful completion of all course requirements, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive: • KDOC course transcript • NCCER course transcript

Masonry	
Course	Introduction to Masonry and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	
Educational	90 days
Good Time	
(EGT)	
Admission Criteria	 CT-Fundamentals completed transcript (or concurrent enrollment) GED® or a high school diploma TABE 11/12 assessment minimum scores: Reading – 501 Math - 496 Offender must not be eligible for parole or serve out within 15 months of enrollment date
Course Content	 Level I - Key content includes: Introduction to Masonry, Masonry Tools and Equipment, Measurements, drawings, and Specifications, Mortar and Masonry units and Installation Techniques.

Masonry	 Level II - Key content includes: Residential Plans and Drawing Interpretation, Residential Masonry, Reinforced Masonry, Grout and Other Reinforcement, Masonry Openings and Metal Work, Advanced Laying Techniques, Effect of Climate on Masonry, and Construction Inspection and Quality Control Level III - Key content includes: Masonry in High-Rise Construction, Specialized Materials and Techniques, Repair and Restoration,
	Commercial Drawings, Estimating, Site Layout – Distance Measurement and Leveling, and Introductory Skills for the Crew Leader
Applicable Policies	CPP 20.1
Institution Locations	Blackburn Correctional Complex (BCC) Eastern KY Correctional Complex (EKCC) Green River Correctional Complex (GRCC) Luther Luckett Correctional Complex (LLCC)
Additional Information	 All module exams must be passed by a minimum score of 70% All performance exercises must be completed as "Satisfactory" in accordance with NCCER standards. Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's assessment records. These records are stored and become a portable record of the candidate's training and assessment achievements. Upon successful completion of all course requirements, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive: • KDOC course transcript • NCCER course transcript

Welding	
Course	Introduction to Welding and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	
Educational	90 days
Good Time	
(EGT)	
Admission	CT-Fundamentals completed transcript (or concurrent enrollment)
Criteria	GED® or a high school diploma

Welding	
	TABE 11/12 assessment minimum scores:
	o Reading – 501
	o Math - 496
	Offender must not be eligible for parole or serve out within 15 months of angular data.
Course Content	 Level I - Key content includes Welding Safety, Oxyfuel Cutting, Plasma Arc Cutting, Air Carbon Arc Cutting and Gouging, Base Metal Preparation, Weld Quality, SMAW – Equipment and Safety, Shielded Metal Arc Electrodes, SMAW – Beads and Fillet Welds, Joint Fit-Up and Alignment, SMAW – Groove Welds and Backing, and SMAW – Open V-Groove Welds. Level II - Key content includes Welding Symbols, Reading Welding Detail Drawings, Physical Characteristics and Mechanical Properties of Metals, Preheating and Postheating of Metals, GMAW & FCAW - Equipment and Filler Metals, GMAW & FCAW – Plate, GTAW - Equipment and Filler Metal, and GTAW – Plate
Applicable	CPP 20.1
Policies	
Institution Locations	Luther Luckett Correctional Complex (LLCC) Northpoint Training Center (NTC)
Additional	 All module exams must be passed by a minimum score of 70% All performance exercises must be completed as "Satisfactory" in accordance with NCCER standards. Upon successful completion of all course requirements, the Education
Information	Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive:
	KDOC course transcript
	NCCER course transcript

NOCTI Courses

The Division of Education also offers Career and Technical courses in cooperation with the *National Occupational Competency Testing Institute* (NOCTI).

Automotive	Technology
Course	Introduction to Automotive Technology and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	
Educational	90 days
Good Time	
(EGT)	
	CT-Fundamentals completed transcript (or concurrent enrollment)
	GED® or a high school diploma
Admission	TABE 11/12 assessment minimum scores:
Criteria	○ Reading – 501
	o Math - 496
	Offender must not be eligible for parole or serve out within 15 months
	of enrollment date.
	Engine Repair
	Automatic Transmissions and Transaxle
	Manual Drive Train and Axles
Course	Suspension and Steering
Content	Brakes
	Electrical and Electronic Systems
	Heating and Air Conditioning
	Engine Performance
	Customer Relations and Shop Procedures
Applicable	CPP 20.1
Policies	Lithou Lielatt Couractional Couraction (LLCC)
Institution Locations	Luther Luckett Correctional Complex (LLCC)
Locations	All final NOCTI ovam results must meet or exceed current NOCTI
	 All final NOCTI exam results must meet or exceed current NOCTI standards for course completion.
	standards for course completion.
	Upon successful completion of all course requirements, the Education
Additional	Administrator will submit the student transcript to Central Office at
Information	DOCEdu.Registrar@ky.gov for a 90 day EGT award.
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	The offender will receive:
	KDOC course transcript
	NOCTI Competency credential

Collision Rep	air
Course	Introduction to Auto Body (Collision) Repair and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	
Educational	90 days
Good Time	
(EGT)	
Admission Criteria	 CT-Fundamentals completed transcript (or concurrent enrollment) GED® or a high school diploma TABE 11/12 assessment minimum scores: Reading – 501 Math - 496
	 Offender must not be eligible for parole or serve out within 15 months of enrollment date.
Course Content	 Safety Business Fundamentals Metal Inert Gas/Gas Metal Arc Welding, and Squeeze-Type Resistance Spot Welding Structural Repairs Non-Structural Repairs Mechanical and Electrical Systems
Applicable	CPP 20.1
Policies	
Institution	KY State Penitentiary (KSP)
Locations	Luther Luckett Correctional Complex (LLCC)
	All final NOCTI exam results must meet or exceed current NOCTI standards for course completion.
	Upon successful completion of all course requirements, the Education
Additional	Administrator will submit the student transcript to Central Office at
Information	DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive:
	KDOC course transcript
	NOCTI Competency credential

Horticulture	
Course	Introduction to Horticulture and work ready skills
Description	
Course	Requires a minimum of ten (10) months for completion
Length	

Horticulture	
Educational	90 days
Good Time	
(EGT)	
Admission Criteria	 CT-Fundamentals completed transcript (or concurrent enrollment) GED® or a high school diploma TABE 11/12 assessment minimum scores: Reading – 501 Math - 496 Offender must not be eligible for parole or serve out within 15 months of enrollment date.
Course Content	 General Knowledge Pest and Disease Management Fundamentals of Irrigation Basic Nursery/Greenhouse Skills Horticulture Business and Retailing Landscape Design Landscape Installation and Construction Landscape and Turf Maintenance Arboriculture
Applicable	CPP 20.1
Policies	
Institution Locations	Bell County Forestry Camp (BCFC) Blackburn Correctional Complex (BCC) KY Correctional Institution for Women (KCIW) Little Sandy Correctional Complex (LSCC) Roederer Correctional Complex (RCC) Western KY Correctional Complex (WKCC)
Additional Information	 All final NOCTI exam results must meet or exceed current NOCTI standards for course completion. Upon successful completion of all course requirements, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award. The offender will receive: KDOC course transcript NOCTI Competency credential

Small Engine Repair	
Course	Introduction to Small Engine Repair and work ready skills
Description	

Small Engine Repair		
Course	Requires a minimum of ten (10) months for completion	
Length		
Educational	90 days	
Good Time		
(EGT)		
	 CT-Fundamentals completed transcript (or concurrent enrollment) GED® or a high school diploma TABE 11/12 assessment minimum scores: 	
Admission	○ Reading – 501	
Criteria	o Math - 496	
	 Offender must not be eligible for parole or serve out within 15 months of enrollment date. 	
	Safety	
	General Shop Practices	
	Maintenance	
	Lubrication Systems	
	Fuel Systems Fundamentals	
Course	Governor	
Content	Ignition	
	Starters & Charging Systems	
	Cylinder Head & Valve, Service & Maintenance	
	Engine Assembly	
	Troubleshooting	
Applicable	CPP 20.1	
Policies		
Institution	Eastern KY Correctional Complex (EKCC)	
Locations	Little Sandy Correctional Complex (LSCC)	
	All final NOCTI exam results must meet or exceed current NOCTI	
	standards for course completion.	
	Upon successful completion of all course requirements, the Education	
Additional	Administrator will submit the student transcript to Central Office at	
Information	DOCEdu.Registrar@ky.gov for a 90 day EGT award.	
	·	
	The offender will receive:	
	KDOC course transcript	
	NOCTI Competency credential	

Pre-Apprenticeship

	Fie-Appleincesinp		
Ironworkers Pre-Apprenticeship			
Course Description	This course is designed to be an introduction to the ironworking trade and help prepare individuals to enter and succeed in a Registered Apprenticeship Program. The curriculum has been aligned to training modules from the International Association of Bridge, Structural, Ornamental and Reinforcing Ironworkers. Students who study this curriculum will be under the supervision of instructors from Iron Workers Local 70. Students who complete the course will obtain the basic skills required to be efficient and productive on jobsites as an ironworker.		
Course Length	Programmed for 5 weeks (25 days), 150 contact hours		
Educational Good Time (EGT)	90 days		
Admission Criteria	 Must have a GED® or a high school diploma Offender must not be eligible for parole or serve out within 6 months of enrollment date. Offender cannot be dual enrolled in any other course, program or job classification interfering with class attendance. 		
Course Content	 Union structure and employment History of the ironworkers Shop safety / personal protective equipment OSHA 10 Hour for Construction Hand and power tools for ironwork Fire watch training Crane signaling Welding Glass wall & window systems Construction layout fundamentals & instruments Basic math for ironworkers Aerial lift training Rigging Knot tying Reinforcing steel Structural steel erection 		
Applicable Policies	CPP 20.1		

Ironworkers	s Pre-Apprenticeship
Institution	Luther Luckett Correctional Complex (LLCC),
Locations	Northpoint Training Center (NTC)
Additional Information	Student must achieve a minimum 130 hours of instruction to satisfy all course completion requirements. All module exams must be passed with a minimum score of 70% All performance exercises must be completed as "Satisfactory" Students may be considered for direct entry to Iron Workers Local 70 or Local 44 Apprenticeship Programs upon completion of the course after their release. Students will have the opportunity to earn a welding certification and will receive an OSHA 10 for Construction card. These certifications can be used for any career. If a student joins the Ironworker's Apprenticeship, they will receive a fire watch and aerial lift certification card accepted nationwide by contractors signatory to the International Association of Bridge, Structural, Ornamental and Reinforcing Ironworkers. Upon successful completion, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award. The offender will receive: • KDOC course transcript • OSHA Construction 10-Hour card (as applicable)

Digital Technology Courses

To further the offender's educational experiences in the digital age, the following technology-based course completions are offered in adult institutions.

Fuel Ed: Computer Literacy	
Course Description	In this introductory course, students become familiar with the basic principles of a personal computer, including the internal hardware, operating system, and software applications. Students gain practice in using key applications such as word processing, spreadsheet, and presentation software, as well as understand social and ethical issues around the Internet, information, and security.
Course	18 Weeks
Length	

Fuel Ed: Con	nputer Literacy
Educational	90 days
Good Time	
(EGT)	
Admission Criteria	 GED® or a high school diploma TABE 11/12 assessment minimum scores: Reading – 501 Math - 496 Offender must not be eligible for parole or serve out within 10 months of enrollment date.
Course Content	 Overview of Computers (hardware, software, language of computers) The Internet (web searches, email, social media, privacy) Document Processing (Microsoft Word) Spreadsheets (Microsoft Excel) Presentations (Microsoft PowerPoint) Introduction to Web Design (HTML, web design basics)
Applicable	CPP 20.1
Policies	
Institution	Lee Adjustment Center (LAC)
Additional Information	Work Ready assessment must be completed at the achievement level 3 (Silver), level 4 (Gold), or level 5 (Platinum) prior to course completion. Upon successful completion of all course requirements, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	The offender will receive: • KDOC course transcript

Fuel Ed: A+ Computer Management	
Course Description	This advanced course equips students with the knowledge and skills necessary to enter the world of Information Technology (IT). Students will be taken from just-a-user level to the I-can-fix-this level by learning about hardware, installing, and supporting operating systems, software troubleshooting, networking, security, cloud computing, and an emphasis on mobile devices. Students will also gain an understanding of the best practices for safety, customer service, and professionalism in the IT field.
Course	23 Weeks
Length	
Educational	90 days
Good Time	
(EGT)	

Fuel Ed: A+ C	omputer Management
ruci Eu. Ar c	GED® or a high school diploma
	TABE 11/12 assessment minimum scores:
	o Reading – 501
Admission	o Math - 496
Criteria	Successful completion of Fuel Ed Computer Literacy
	Offender must not be eligible for parole or serve out within 10 months
	of enrollment date.
	Taking apart and reassembling a computer
	All about motherboards
	Processors and upgrading memory
	 Power supplies and troubleshooting computer problems
	Hard drives and storage devices
	Supporting I/O devices
	Networking fundamentals
Course	Networking randamentals Network infrastructure and cloud computing
Content	·
	Supporting mobile devices
	Supporting printers
	Installing and maintaining Windows
	Supporting macOS
	Network security
	Linux and scripting
Applicable	CPP 20.1
Policies	
Institution	Lee Adjustment Center (LAC)
Locations	
	Upon successful completion of all course requirements, the Education
	Administrator will submit the student transcript to Central Office at
Additional	DOCEdu.Registrar@ky.gov for a 90 day EGT award.
Information	The offender will receive:
	KDOC course transcript
	Fuel Ed Credential
	Fuel Eu Cleuelitidi

Braille

Literary Certification	
	This course in literary braille transcribing teaches students to transcribe print
Course	materials into braille. Lessons include covering the braille alphabet,
Description	contractions, and rules for writing braille. Lessons describe the elements of the
	braille system, give examples, and provide practice drills.

Literary Cer	tification
Course	9 - 12 months
Length	
Educational	EGT not awarded
Good Time	
(EGT)	
	GED® or a high school diploma
Admission	6 months of clear conduct
Criteria	 Application process through Kentucky Correctional Industries (KCI) for employment
	The course curriculum is through the National Federation of the Blind.
	20 lessons: At the end of each lesson is an exercise with sentences or
	short passages testing comprehension and reviewing concepts and rules from earlier lessons.
	 Learning Perkins Braille Writer (6-key entry on braille typewriter)
	 Learn and use Perky Duck (6-key entry computer program)
Course	At Lesson 19, Part 2: Application process through the National
Content	Federation of the Blind
	Certification test consists of transcribing a 35-page manuscript with
	80% accuracy
	Instruction manuals:
	Instruction Manual for Braille Transcribing-UEB Edition, 2015
	The Rules of Unified English Braille Second Edition 2013
	Drills Reproduced in Braille-UEB Edition, 2015
Applicable	CPP 20.1
Policies	10/ 0 1/2 1/2 - 1/2
Institution	KY Correctional Institution for Women (KCIW)
Locations	There is no good time credit awarded for this prorequisite
	There is no good time credit awarded for this prerequisite.
	Course completion is a prerequisite for other transcribing and proofreading
	courses.
Additional	Upon successful completion, the student will receive a Library of
Information	Congress certificate in literary braille transcribing which qualifies the
	recipient to transcribe general literary materials.
	The certificate is mailed to the student, who is responsible for
	submitting it to the Education Administrator for entry into KOMS.
	,,,,,,

Music	
Course	This course teaches students to transcribe print music materials into braille.
Description	

Music	
Course Length	9 - 12 months
Educational Good Time (EGT)	90 days
Admission Criteria	 GED® or a high school diploma Employed by KCI Background in music (i.e., can read standard music notation, knowledge of music theory, familiarity with common musical terms); Library of Congress Certification in Literary Braille Transcribing for a minimum of 6 months Application process through the National Federation of the Blind
Course Content	 The course curriculum is through the National Federation of the Blind. Use of Duxbury Program Certification test consists of submitting a transcription of a partial score chosen by the instructor with 80% accuracy Instruction manuals: Music Braille Code, 2015 Introduction to Braille Music Transcription
Applicable Policies	CPP 20.1
Institution Locations	KY Correctional Institution for Women (KCIW)
Additional Information	 Upon successful completion, the student will receive a Library of Congress certificate in music braille transcribing. The Operations Manager will give the student transcript to the Education Administrator to be submitted to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award upon successful course completion.

Nemeth	
Course	This is a course in mathematics (Nemeth code) braille transcribing to teach
Description	students to transcribe print mathematics and science materials into braille.
Course	9 - 12 months
Length	
Educational	90 days
Good Time	
(EGT)	
Admission	GED® or a high school diploma
Criteria	Employed by KCI

Nemeth	
	 Library of Congress Certification in Literary Braille Transcribing for a minimum of 6 months Application process through the National Federation of the Blind
Course Content	The course curriculum is through the National Federation of the Blind. • Use of Duxbury Program • Certification test with 80% accuracy Instruction manuals: • Introduction to Braille Mathematics (and errata) • The Nemeth Code for Mathematics and Science Notation, 1972 Revision
Applicable Policies	CPP 20.1
Institution Locations	KY Correctional Institution for Women (KCIW)
Additional Information	 Upon completion of all lessons, the student has 6 months to complete the certification test. If the first attempt is failed, the student has an additional 6 months to re-take the exam. Upon successful completion, the student will receive a Library of Congress certificate in mathematics braille transcribing. The Operations Manager will give the student transcript to the Education Administrator to be submitted to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award upon successful course completion.

Ancillary Courses

In2Work	
	The In2Work course teaches the fundamentals of working in a food service environment, building skills and experience that can be leveraged to re-enter the workforce.
Course	
Description	The program includes formal vocational training in both the classroom and the kitchen, to include hands-on work experience. Kitchen basics is designed to build upon skills taught and an introduction to food safety concepts that are presented in the ServSafe certification program.
Course	6 months
Length	
Educational	90 days
Good Time	
(EGT)	

In2Work	
Admission Criteria	 GED® or a high school diploma Offenders are required to work in the kitchen during enrollment. Food service experience (preferred but not required) The program is available to inmates assigned to the food service area and those closest to their release date.
Course Content	 Kitchen Basics – 7 modules & final exam: Hygiene & Health, Cleaning & Sanitation, Receiving & Storing Food, Temperature for Food Safety, Safety in the Workplace, Recipes & Preparing for Production, Success in Food Service Food Service Management – 3 modules & final exam: Operations Management, Managing Employees & Guests, Managing Finances ServSafe® Managers Certificate: ServSafe Manager Practice Exam (min. passing score of 80%), Certification ServSafe Manager Final Exam (90 multiple choice questions - min. passing score of 70%). Certification is provided by the National Restaurant Association and award is good for 5 years.
	Progress checks and tests measure comprehension and help track the program successes.
Applicable Policies	CPP 20.1
Institution Locations	Available at all institutions
Additional Information	 Successful course completion requires a minimum passing score of 70% on the ServSafe® certification exam, in accordance with ServSafe® standards. Upon successful completion, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award. ServSafe® recertification every 5 years (recertification does not earn EGT and individual must be actively working in Food Service area.)

Safety Specialist	
Course Description	This course gives trainees the knowledge, skills, and abilities needed to protect worker's rights, identify, abate, avoid, and prevent job related hazards. Trainees will also develop the skills and abilities to be able to administer CPR, AED, and first aid. Additionally, trainees will understand the basics of identifying hazardous materials and the awareness-level actions they should take. Lastly, trainees will be able to operate safely, equipment such as powered industrial trucks.

Safety Speci	alist
Course	A minimum of 76 hours within a minimum of 6 months.
Length	
Educational	90 days
Good Time	
(EGT)	
Admission	Must have a GED® or a high school diploma
Admission Criteria	Offender must not be eligible for parole or serve out within 10 months
Criteria	of enrollment date.
	OSHA Construction 30-Hour card
	Introduction to OSHA
	OSHA Focus Four Hazards
	• Falls
	Electrocution
	Struck-By
	Caught-In or Between
	Personal Protective and Lifesaving Equipment
	Health Hazards in Construction
	At least 2 of the following electives
	 Cranes, Derricks, Hoists, Elevators, and Conveyors
	• Excavations
	 Materials Handling, Storage, Use and Disposal
	• Scaffolds
	Stairways and Ladders
	Tools - Hand and Power
Course	OSHA General Industry 30-Hour card
Content	Introduction to OSHA
	Walking and Working Surfaces, including fall protection
	Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire
	Protection
	Electrical
	Personal Protective Equipment
	Hazard Communication At least 2 of the following placetimes:
	At least 2 of the following electives: Materials
	Hazardous Materials. Materials Handling
	Materials Handling. Machine Guarding.
	Machine Guarding. Introduction to Industrial Hygions
	Introduction to Industrial Hygiene. Rloodborne Pathogons
	Bloodborne Pathogens. Francomics
	Ergonomics. Safety and Health Program.
	Safety and Health Program.Fall Protection.
	CPR/First Aid/AED or higher level (8 hours)
	Crivitiist Ald/AED of Higher level (o Hours)

Safety Specialist	
	Forklift Training and/or Other Powered Industrial Trucks and/or Large/Heavy
	Equipment (8 hours)
Applicable	CPP 20.1
Policies	
Institution	Blackburn Correctional Complex (BCC)
Locations	Northpoint Training Center (NTC)
	Upon successful completion, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
Additional Information	 The offender will receive: KDOC course transcript OSHA Construction 30-Hour card (Issued during course) OSHA General Industry 30-Hour card (Issued during course) Heart Saver Card

Second Chances Groom Elite (AKA: Thoroughbred Retirement Farm)		
Course Description	Second Chances Groom Elite Certification program is based on Groom Elite 101, an internationally recognized Thoroughbred Racing Industry groom certification program. Successful completion will result in a Certificate of Completion that will qualify graduates for entry-level equine jobs. Successfully passing certification exams will result in certification at one of two levels (Entry Level, Basic Level) and qualify graduates for second level entry jobs, with early advancement possibilities. This six-month certification program is divided into two phases: Phase I - Second Chances Basic Grooming 099 (SCBG099); Phase II - Second Chances Groom Elite 101 (SCGE101).	
Course Length	 Phase I - SCBG099: Minimum of 200 hours of equine facility work and classroom study. 60 hours of classroom and 140 hours of practical application working with horses including maintenance of stalls and stable facility and other equine farm related chores (repairing fence, landscape maintenance, hay storage, etc.) Phase II - SCGE101: Minimum of 400 hours of equine facility work and classroom study. 150 hours of classroom and 250 hours of practical application working with horses including maintenance of stalls and stable facility and other equine farm related chores (repairing fence, landscape maintenance, hay storage, etc.) 	

Second Cha	nces Groom Elite (AKA: Thoroughbred Retirement Farm)
Educational	90 days
Good Time	·
(EGT)	
	 Must have a GED® or a high school diploma
Admission	 Not Eligible for parole or release within six months
Criteria	 No charges involving animal cruelty or animal abuse
	Must have 6-months clear conduct
	Phase I: Second Chances Basic Grooming (SCBG) 099
	Modules
	09901 - Introduction and Terminology
	09902 – Horse Behavior and Natural Horsemanship
	09903 - Grooming Procedures
	 09904 - Bandaging and Tack Identification
	09905 – Competency Assessment (performance)
	Dhaca 2: Second Chances Croom Elite (SCCE) 101
	Phase 2: Second Chances Groom Elite (SCGE) 101 Modules
Course	10101 - Horse Behavior and Tools for Humane Restraint
Course	10102 - Height, Weight, Body Condition Score
Content	10102 Freight, Weight, Body condition 3core 10103 - Equine Health Check
	Conformation, Leg Structure & Travel
	10104 – Equine Conformation, Leg and Foot Anatomy
	• 10105 – Bandaging
	• 10106 - Tacking
	 10107 - Digestive System - Anatomy and Principles of Feeding Horses
	10108 - Performance Day Procedures, Sample Collection for drug
	testing
	 10109 – Comprehensive Written Assessment (min. passing score 80%)
	10110 – Comprehensive Practical Assessment (performance)
Applicable	CPP 20.1
Policies	
Institution	Blackburn Correctional Complex (BCC)
Locations	
	Upon successful completion of Phase II, participants will receive a certificate of
	completion.
^ dditional	Students may also be eligible for additional sortificates based on norfermana
Additional Information	Students may also be eligible for additional certificates based on performance. The additional certificates are not required for success course completion
	leading to the award of EGT. <i>These certificates do not lead to additional good</i>
	time awards.
	 Certified Entry Level Groom – Holder may board up to five horses.
	- Certified Entry Level Groom Holder may board up to five holdes.

Second Chances Groom Elite (AKA: Thoroughbred Retirement Farm) • Certified Basic Level Groom – Holder may board up to ten horses. Upon successful completion, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.

	T
wastewater	Treatment Plant Operator – Class I
	The Wastewater Treatment Operator Certification Program, administered by
	the Division of Compliance Assistance, is required by regulation. Certification is
	obtained by meeting minimum education and experience requirements,
Course	submitting the applicable forms, and by passing the certification examination
Course	in accordance with the Kentucky Division of Compliance Assistance (DCA).
Description	There are multiple levels of waste water treatment apprator certifications. In
	There are multiple levels of waste water treatment operator certifications. In
	order to qualify to take a Kentucky Wastewater Operator Certification examination, an applicant must meet the experience and education
	requirements appropriate for that particular certification level outlined below.
	Course length is dependent on experience:
Course	One (1) year of acceptable operation of a waste-water treatment plant shall be
Length	required.
Educational	90 days
Good Time	30 days
(EGT)	
	 Inmates with a GED® or a high school diploma are eligible to participate.
	The offender must not be eligible for meeting the Parole Board or serve
Admission	out within twenty-four (24) months of being accepted into the Waste
Criteria	Water Treatment Class I course.
	The offender must have "reduced custody" classification.
	The Certified Plant Operator
	KPDES Permitting Program
	Biology
	Preliminary Treatment
	Physical & Biological Treatment Processes
Course	Digesters
Content	Disinfection
	Flow Measurement
	Pumps and Motors
	Hazards
	Final Certification Exam (minimum score of 70%)
Applicable	Requirements are set forth by the DCA (Kentucky Division of Compliance
Policies	Assistance) and

Wastewater Treatment Plant Operator – Class I		
	401 KAR 11:001	
	401 KAR 11:010	
	401 KAR 11:020	
	401 KAR 11:030	
	401 KAR 11:050	
	401 KAR 11:060	
Institution	Bell County Forestry Camp (BCFC)	
	KY State Penitentiary (KSP)	
Locations	Roederer Correctional Complex (RCC)	
	Upon completion, the Education Administrator will submit the student	
Additional	transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT	
Information	award.	
	Requires recertification (recertification does not earn EGT)	

Wastewater Treatment Plant Operator – Class II	
Course Description	The Wastewater Treatment Operator Certification Program, administered by the Division of Compliance Assistance, is required by regulation. Certification is obtained by meeting minimum education and experience requirements, submitting the applicable forms, and by passing the certification examination in accordance with the Kentucky Division of Compliance Assistance (DCA).
	There are multiple levels of waste water treatment operator certifications. In order to qualify to take a Kentucky Wastewater Operator Certification examination, an applicant must meet the experience and education requirements appropriate for that particular certification level outlined below.
Course Length	Course length is dependent on experience: Two (2) years* of acceptable operation of a waste-water treatment plant shall be required. (*Two (2) years includes one (1) year experience as a Class I operator.)
Educational Good Time (EGT)	90 days
Admission Criteria	 Inmates with a GED® or a high school diploma are eligible to participate. The offender must not be eligible for meeting the Parole Board or serve out within twenty-four (24) months of being accepted into the Waste Water Treatment Class II course. The offender must have "reduced custody" classification.
Course Content	 The Certified Plant Operator KPDES Permitting Program Biology

Wastewater	Treatment Plant Operator – Class II
	Preliminary Treatment
	Physical & Biological Treatment Processes
	Digesters
	Disinfection
	Flow Measurement
	Pumps and Motors
	Hazards
	Final Certification Exam (minimum score of 70%)
	Requirements are set forth by the DCA (Kentucky Division of Compliance
	Assistance) and
	401 KAR 11:001
Applicable	401 KAR 11:010
Policies	401 KAR 11:020
	401 KAR 11:030
	401 KAR 11:050
	401 KAR 11:060
Institution	Bell County Forestry Camp (BCFC)
Locations	KY State Penitentiary (KSP)
	Roederer Correctional Complex (RCC)
Additional	Upon completion, the Education Administrator will submit the student
	transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT
Information	award.
mormation	
	Requires recertification (recertification does not earn EGT)

Wastewater Treatment Plant Operator – Class III	
	The Wastewater Treatment Operator Certification Program, administered by
	the Division of Compliance Assistance, is required by regulation. Certification is
	obtained by meeting minimum education and experience requirements,
	submitting the applicable forms, and by passing the certification examination
Course	in accordance with the Kentucky Division of Compliance Assistance (DCA).
Description	
	There are multiple levels of waste water treatment operator certifications. In
	order to qualify to take a Kentucky Wastewater Operator Certification
	examination, an applicant must meet the experience and education
	requirements appropriate for that particular certification level outlined below.
	Course length is dependent on experience:
Course	Three (3) years* of acceptable operation of a wastewater treatment plant with
Length	one (1) year of that experience in a wastewater treatment plant with a design
	capacity greater than 50,000 gallons per day shall be required.

Wastewater	Treatment Plant Operator – Class III
	(*Three (3) years includes one (1) year as a Class II operator and an additional year as
	a Class I operator.)
Educational Good Time (EGT)	90 days
Admission Criteria	 Inmates with a GED® or a high school diploma are eligible to participate. The offender must not be eligible for meeting the Parole Board or serve out within twenty-four (24) months of being accepted into the Waste Water Treatment Class III course. The offender must have "reduced custody" classification.
Course Content	 The Certified Plant Operator KPDES Permitting Program Biology Preliminary Treatment Physical & Biological Treatment Processes Digesters Disinfection Flow Measurement Pumps and Motors Hazards Final Certification Exam (minimum score of 70%)
Applicable Policies	Requirements are set forth by the DCA (Kentucky Division of Compliance Assistance) and 401 KAR 11:001 401 KAR 11:010 401 KAR 11:020 401 KAR 11:030 401 KAR 11:050 401 KAR 11:060
Institution Locations	Bell County Forestry Camp (BCFC) KY State Penitentiary (KSP) Roederer Correctional Complex (RCC)
Additional Information	Upon completion, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	Requires recertification (recertification does not earn EGT)

Water Treatment Plant Operator – Class IA-D	
Course Description	The Water Treatment System Operator Certification Program, administered by the Division of Compliance Assistance, is required by regulation. Certification is obtained by meeting minimum education and experience requirements,

Water Treat	ment Plant Operator – Class IA-D
	submitting the appropriate forms and fee, and by passing the certification
	examination. There are multiple levels within the water treatment system
	operator certifications. In order to qualify to take a Kentucky Water Operator
	Certification examination, an applicant must meet the experience and
	education requirements appropriate for that particular certification level.
	Course length is dependent on experience:
Course	One (1) year of experience operating a Class IA-D or higher public water
Length	system.
Educational	90 days
Good Time	
(EGT)	
	 Inmates with a GED® or a high school diploma are eligible to participate.
	The offender must not be eligible for meeting the Parole Board or serve
Admission	out within twenty-four (24) months of being accepted into the Drinking
Criteria	Water Treatment Class IA-D course.
	 The offender must have "reduced custody" classification.
	The Surface Water Treatment Plant Operator
	Water Sources
	Water Characteristics and Chemistry
	Coagulation
	Flocculation
	Sedimentation
	Alternative Treatment Processes
Course	
Course	• Filtration
Content	Disinfection
	Bacteriological Monitoring
	Iron and Manganese
	Taste and Odor Control
	Fluoridation
	Stabilization
	Cross Connections
	 Final Certification Exam (minimum passing score of 70%)
	Requirements are set forth by the DCA (Kentucky Division of Compliance
	Assistance) and
	401 KAR 11:001
Applicable	401 KAR 11:010
Policies	401 KAR 11:020
	401 KAR 11:030
	401 KAR 11:050
	401 KAR 11:060

Water Treatment Plant Operator – Class IA-D	
Institution	Bell County Forestry Camp (BCFC)
Locations	KY State Penitentiary (KSP)
Additional Information	Upon completion, the Education Administrator will submit the student transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT award.
	Requires recertification (recertification does not earn EGT)

Note: An offender will receive one 90 day good time credit for the completion of Class IA-D or Class IB-D course completion. Class IB-D is not offered within adult institutions.

Water Treatment Plant Operator – Class IIA		
Course Description	The Water Treatment System Operator Certification Program, administered by the Division of Compliance Assistance, is required by regulation. Certification is obtained by meeting minimum education and experience requirements, submitting the appropriate forms and fee, and by passing the certification examination. There are multiple levels within the water treatment system operator certifications. In order to qualify to take a Kentucky Water Operator Certification examination, an applicant must meet the experience and education requirements appropriate for that particular certification level.	
Course Length	Course length is dependent on experience: Two (2) years of experience operating a public water treatment plant, with six (6) months of that experience in a Class IIA, IIIA or IVA treatment plant.	
Educational Good Time (EGT)	90 days	
Admission Criteria	 Inmates with a GED® or a high school diploma are eligible to participate. The offender must not be eligible for meeting the Parole Board or serve out within twenty-four (24) months of being accepted into the Drinking Water Treatment Class IIA course. The offender must have "reduced custody" classification. 	
Course Content	 The Surface Water Treatment Plant Operator Water Sources Water Characteristics and Chemistry Coagulation Flocculation Sedimentation Alternative Treatment Processes Filtration Disinfection Bacteriological Monitoring Iron and Manganese Taste and Odor Control 	

Water Treatment Plant Operator – Class IIA		
	Fluoridation	
	Stabilization	
	Cross Connections	
	 Final Certification Exam (minimum passing score of 70%) 	
	Requirements are set forth by the DCA (Kentucky Division of Compliance	
	Assistance) and	
	401 KAR 11:001	
Applicable	401 KAR 11:010	
Policies	401 KAR 11:020	
	401 KAR 11:030	
	401 KAR 11:050	
	401 KAR 11:060	
Institution	Bell County Forestry Camp (BCFC)	
Locations	KY State Penitentiary (KSP)	
	Upon completion, the Education Administrator will submit the student	
Additional	transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT	
Information	award.	
	Requires recertification (recertification does not earn EGT)	

Water Treatment Plant Operator – Class IIIA		
Course Description	The Water Treatment System Operator Certification Program, administered by the Division of Compliance Assistance, is required by regulation. Certification is obtained by meeting minimum education and experience requirements, submitting the appropriate forms and fee, and by passing the certification examination. There are multiple levels within the water treatment system operator certifications. In order to qualify to take a Kentucky Water Operator Certification examination, an applicant must meet the experience and education requirements appropriate for that particular certification level.	
Course Length	Course length is dependent on experience: Three (3) years of experience operating a public water treatment plant, with one (1) year of that experience in a Class IIA, IIIA, or IVA water treatment plant.	
Educational Good Time (EGT)	90 days	
Admission Criteria	 Inmates with a GED® or a high school diploma are eligible to participate. The offender must not be eligible for meeting the Parole Board or serve out within twenty-four (24) months of being accepted into the Drinking Water Treatment Class IIIA course. The offender must have "reduced custody" classification. 	
Course Content	The Surface Water Treatment Plant OperatorWater Sources	

Water Treatment Plant Operator – Class IIIA	
	Water Characteristics and Chemistry
	Coagulation
	Flocculation
	Sedimentation
	Alternative Treatment Processes
	Filtration
	Disinfection
	Bacteriological Monitoring
	Iron and Manganese
	Taste and Odor Control
	Fluoridation
	Stabilization
	Cross Connections
	 Final Certification Exam (minimum passing score of 70%)
	Requirements are set forth by the DCA (Kentucky Division of Compliance
	Assistance) and
	401 KAR 11:001
Applicable	401 KAR 11:010
Policies	401 KAR 11:020
	401 KAR 11:030
	401 KAR 11:050
	401 KAR 11:060
Institution	Bell County Forestry Camp (BCFC)
Locations	KY State Penitentiary (KSP)
	Upon completion, the Education Administrator will submit the student
Additional	transcript to Central Office at DOCEdu.Registrar@ky.gov for a 90 day EGT
Information	award.
	Poquires resertification (resertification does not earn ECT)
	Requires recertification (recertification does not earn EGT)