

PATHWAY STRUCTURE - SOUTHSIDE TECHNICAL

*** Requires prior Industry Certification IC Bold = KDE approved (F) - Offered in the Fall (S) - Offered in the Spring*

PATHWAY	2022-2023 COURSES	2023-2024 COURSES	3RD YEAR/ PASSED ICERT	INDUSTRY CERT	NOTES
<p>Carpentry Residential Carpenter Assistant 46.0201.02</p> <p>Skilled Trades Commercial Carpentry TRACK 46.0201.99</p> <p>Construction TRACK 46.0000.99</p>	<p>460201 Intro to Construction (F) CAR 126/127</p> <p>460212 Floor & Wall Framing (S) CAR 190/191</p>	<p>460213 Ceiling & Roof Framing CAR 196/197(F)</p> <p>460219 Interior & Exterior Finish CAR 200/201 (S)</p> <p>260298 Special Topics (Const. Carp) CAR 198</p>	<p>460219 Interior & Exterior Finish CAR 200/201 (S)</p> <p>260298 Special Topics (Const. Carp) (S) CAR 198</p> <p>460242 Co-Op ** (F & S) CAR 199</p>	<p>NCCER (Core, Carp. Level I, II</p> <p>Const. TRACK Exam</p> <p>OR</p> <p>Approved Apprenticeship Industry Hire</p>	<p>Accepts Grade 9</p>
<p>Electrical Technology Industrial Electrician Assistant - 46.0302.02 Construction Track- 46.0000.99</p>	<p>460316 Circuits I (F) ELT 110</p> <p>460331 Electrical Motor Controls (S) EET 252 (?)</p>	<p>460325 Rot. Machinery Electrical Motor Controls (F)ELT 210 (?)</p> <p>460312 Elect. Construction I (S) EET 154</p>	<p>Co-Op** (F&S) EET 198</p> <p>460348 Electrical Internship</p>	<p>NCCER Core & Electrical Level I</p> <p>OR</p> <p>Approved Apprenticeship Industry Hire</p>	<p>* Accepts 9th graders but recommend electronics - low voltage pathway first.</p>
<p>Culinary Culinary & Food Services - 19.0403.00</p>	<p>200442 Advanced Foods & Nutrition (F)</p> <p>200412 Culinary Arts II (S)</p>	<p>200442 Advanced Foods & Nutrition (F)</p> <p>200412 Culinary Arts II (S)</p> <p>200409 Culinary Internship</p>	<p>200409 Co-Op** (F&S) CUL 299</p>	<p>ServSAFE Manager</p>	<p>*Students who attain ServSafe certification will receive college credit at BCTC.</p>

Pre-Nursing Pre-Nursing MNA - 51.2699.01	170631 Medicaid Nurse Aid (F) 170558 Pharmacy Technician (S) 170601 Coop Learning I** (S)	170631 Medicaid Nurse Aid (F) 170558 Pharmacy Technician (S) 170601 Coop Learning I** (S)	170550 Co-Op** (F&S)	SRNA (State Registered Nurse Aid)	* 2.5 GPA+ * Immun. Certs Required TB Test, * Maintain 70 average on exams
Pharmacy Tech Pharmacy Technician - 51.0805.01	170111 Principles of Health Sci (F) AHS 105 170141 Emergency Proced. (F) 170131 Medical Terminology (F) AHS 115 170558 Pharmacy Technician (S)	170111 Principles of Health Sci (F) AHS 105 170141 Emergency Proced. (F) 170131 Medical Terminology (F) AHS 115 170558 Pharmacy Technician (S)	Co-Op Learning I** (F&S)	NOCTI Healthcare Core PTCB Pharmacy Technician	*Senior Students only for Pharm. Technician
Medical Sciences Allied Health - 51.0000.01	170111 Principles of Health Sci (F) AHS 105 170141 Emergency Proced. (F) 170131 Medical Terminology (F) AHS 115 170167 Body Struct. & Funct. (S) 170501 Allied Health Core Skills (S)	170111 Principles of Health Sci (F) AHS 105 170141 Emergency Proced. (F) 170131 Medical Terminology (F) AHS 115 170167 Body Struct. & Funct. (S) 170501 Allied Health Core Skills (S)	170550 Allied Health Internship 170660 Co-Op Learning I** (F&S)	NOCTI Healthcare CORE	May proceed to Pharm. Tech after year 1.
Emergency Medical Technician (EMT) EMT - 51.0904.01	461022 Emergency Medical Terminology (EMT) (F) 461023 EMS Training (S)	461022 Emergency Medical Terminology (EMT) (F) 461023 EMS Training (S)	Pre-Req: 170111 Principles of Health Sci 170141 Emergency Procedures 170131 Medical Terminology	EMT Basic National Certification	* Must be 18 by clinical hours.
Welding Welding - Entry Level - 48.0508.01	480501 Cutting Processes (F) WLD 110/111 480521 Shielded Metal Arc W. (F) WLD 120 480505 Blueprint Rdg for W. (S) WLD 170-171 480528 Groove Welds w/ Lab (S) WLD 123	480523 Oxy-Fuel Systems (F) WLD 100/101 480522 Gas Metal Arc W. (F) WLD 140/141 480525 Gas Tungsten Arc W. (S) WLD 130/131 480533 GMAW (Groove) (S) WLD 143 WLD 170/171 (1st yr Sen)	480541 Co-Op** (F&S) WLD 299 480544 Welding Internship	AWS Certification Position 2F KY Dept. of Transportation: 3G, 4G, 3GU, 4GU	

Industrial Technology Automation Engineering - 15.0613.00	210138 Robotics Engineering (F/S) (Yr 1) 210225 Manufacturing Engineering (F/S) (Yr 2) 210143 Mechatronic Engineering . (F/S) (Yr 3) 210135 Design & Production Engineering (F/S) Yr 4	210138 Robotics Engineering (F/S) (Yr 1) 210225 Manufacturing Engineering (F/S) (Yr 2) 210143 Mechatronic Engineering . (F/S) (Yr 3) 210135 Industrial Engineering (F/S) Yr 4	210330 Engineering Co-Op 210331 Engineering Internship	MSSC (4 Parts) OR Solid Works OR REC Foundations OR AutoDesk Fusion	*Accepts 9th-12th graders.
Electronics 47.0105.00	470115 Devices and Circuits I (F) ELT 110 470130 Digital II/Lab (S) ELT 120	470119 Devices and Circuits II (F) ELT 210 470101 Digital I/Lab (S) ELT 220	470135 Co-Op** (F&S) ENGT 199	NCCER (Electronic Systems Installation) Level I, II, III, IV OR Approved Apprenticeship Industry Hire	*Accepts 9th graders

ACADEMIC COURSES

CONTENT AREA	2020-2021 COURSES	2021-2022 COURSES	NOTES
English	230107 Adv English I 230110 Adv English II 230116 Adv English IV	230107 Adv English I 230113 Adv English III 230116 Adv English IV	Available to all students except those in Culinary Arts and Medical pathways.
Math	270401 Adv Geometry 270311 Adv Algebra II	270401 Adv Geometry 270311 Adv Algebra II 270643 Technical Math	Available to all students except those in Culinary Arts and Medical pathways.
Odysseyware	Courses available on request	Courses available on request	Available to all students. Odysseyware courses do not have a scheduled session. Students complete course online to maximize time for technical lab courses.