

## PATHWAY STRUCTURE - SOUTHSIDE TECHNICAL

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

PATHWAY	2020-2021 COURSES	2021-2022 COURSES	3RD YEAR/ PASSED ICERT	INDUSTRY CERT	NOTES
<b>Carpentry</b> Skilled Trades Commercial Carpentry TRACK 46.0201.99	460201 Intro to Construction (F) CAR 126/127 460212 Floor & Wall Framing (S) CAR 190/191	460213 Ceiling & Roof Framing CAR 196/197 460214 Site Layout & Foundation CAR 140/141	460219 Interior & Exterior Finish (F) CAR 200/201 260298 Special Topics (Const. Carp) (S) CAR 198 460242 Co-Op ** (F & S) CAR 199	<b>Const. TRACK Exam &amp; Industry Hire</b>  NCCER (Core, Carp. Level I, II)	
<b>Electrical Technology</b> Industrial Electrician Assistant - 46.0302.02  Construction Track- 46.0000.99	460316 Circuits I (F) ELT 110  460312 Elect. Construction I (S) EET 154	460325 Rot. Machinery Electrical Motor Controls (F)ELT 210 (?)  460331 Electrical Motor Controls (S) EET 252 (?)	Co-Op** (F&S) EET 198	<b>NCCER Core &amp; Electrical Level I</b>  OR  <b>Construction TRACK Appr.</b>	* Accepts 9th graders but recommend electronics - low voltage pathway first.
<b>Culinary</b> Culinary & Food Services - 19.0403.00	200442 Advanced Foods & Nutrition (F)  200412 Culinary Arts II (S)	200442 Advanced Foods & Nutrition (F)  200412 Culinary Arts II (S)  200409 Culinary Internship	200409 Co-Op** (F&S) CUL 299	<b>ServSAFE Manager</b>	*Students who attain ServSafe certification will receive college credit at BCTC.
<b>Pre-Nursing</b> 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)	<b>SRNA (State Registered Nurse Aid)</b>	* 2.5 GPA+ * Immun. Certs Required TB Test, * Maintain 70 average on

					exams
<b>Pharmacy Tech</b> 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)	<b>NOCTI Healthcare Core</b>  <b>PTCB Pharmacy Technician</b>	*Senior Students only for Pharm. Technician
<b>Medical Sciences</b> 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)	<b>NOCTI Healthcare CORE</b>	May proceed to Pharm. Tech after year 1.
<b>Welding</b> 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 480552 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	<b>AWS Certification Position 2F</b>  <b>KY Dept. of Transportation: 3G, 4G, 3GU, 4GU</b>	
<b>Integrated Production Technologies</b> Automation Engineering - 15.0613.00	210136 Robotics Engineering (F/S) (Yr 1) 210137 Manufacturing Engineering (F/S) (Yr 2) 210143 Mechatronic Engineering. (F/S) (Yr 3) 210135 Design & Production Engineering (F/S) Yr 4	210136 Robotics Engineering (F/S) (Yr 1) 210137 Manufacturing Engineering (F/S) (Yr 2) 210143 Mechatronic Engineering. (F/S) (Yr 3) 210135 Design & Production Engineering (F/S) Yr 4	210330 Engineering Co-Op 210331 Engineering Internship	<b>MSSC (4 Parts) OR</b>  <b>Solid Works OR</b>  <b>REC Foundations</b>	*Accepts 9th-12th graders.
<b>Electronics</b> 47.0105.00	460316 Circuits I (F) ELT 110 470101 Digital II/Lab (S)	470130 Circuits II (F) ELT 210 460319 Digital I/Lab	470135 Co-Op** (F&S) ENGT 199	<b>NCCER (Electronic Systems</b>	*Accepts 9th graders

	ELT 120	ELT 220		Installation) Level I, II, III, IV	
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## ACADEMIC COURSES

CONTENT AREA	2020-2021 COURSES	2021-2022 COURSES	NOTES
<b>English</b>	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.
<b>Math</b>	270401 Adv Geometry 270311 Adv Algebra II	270401 Adv Geometry 270311 Adv Algebra II	Available to all students except those in Culinary Arts and Medical pathways.
<b>Odysseyware</b>	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.