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
Carpentry Residential Carpenter Assistant 46.0201.02 Skilled Trades Commercial Carpentry TRACK 46.0201.99 Construction TRACK 46.0000.99	460201 Intro to Construction (F) *CAR 126/127* 460212 Floor & Wall Framing (S) *CAR 190/191*	460213 Ceiling & Roof Framing *CAR 196/197(F)* 460219 Interior & Exterior Finish *CAR 200/201 (S)* 260298 Special Topics (Const. Carp) **(FALL 2021 If Needed)** *CAR 198*	460214 Site Layout & Foundation *CAR 140/141* 260298 Special Topics (Const. Carp) (S) *CAR 198* 460242 Co-Op ** (F & S) *CAR 199*	**NCCER (Core, Carp. Level I**, II Const. TRACK Exam OR Approved Apprenticeship Industry Hire	Accepts Grade 9
Electrical Technology Industrial Electrician Assistant - 46.0302.02 Construction Track- 46.0000.99	460316 Circuits I (F) *ELT 110* 460331 Electrical Motor Controls (S) *EET 252 (?)*	460325 Rot. Machinery Electrical Motor Controls (F)*ELT 210 (?)* 460312 Elect. Construction I (S) *EET 154*	Co-Op** (F&S) *EET 198* 460348 Electrical Internship	**NCCER Core & Electrical Level I** OR Approved Apprenticeship Industry Hire	* Accepts 9th graders but recommend electronics - low voltage pathway first.
Culinary 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*	**ServSAFE Manager**	*Students who attain ServSafe certification will receive college credit at BCTC.

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.
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* 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	**AWS Certification Position 2F** **KY Dept. of Transportation: 3G, 4G, 3GU, 4GU**	
Industrial Technology 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)	210136 Robotics Engineering (F/S) (Yr 1) 210137 Manufacturing Engineering (F/S) (Yr 2) 210143 Mechatronic Engineering . (F/S) (Yr 3)	210330 Engineering Co-Op 210331 Engineering Internship	**MSSC (4 Parts) OR** **Solid Works OR**	*Accepts 9th-12th graders.

	210135 Design & Production Engineering (F/S) Yr 4	210135 Design & Production Engineering (F/S) Yr 4		**REC Foundations**	
Electronics 47.0105.00	460316 Circuits I (F) *ELT 110* 470130 Digital II/Lab (S) *ELT 120*	470319 Circuits II (F) *ELT 210* 470101 Digital I/Lab *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	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.