

1 AN ACT relating to creating a virtual computer science career academy.

2 *Be it enacted by the General Assembly of the Commonwealth of Kentucky:*

3 ➔SECTION 1. A NEW SECTION OF KRS CHAPTER 158 IS CREATED TO
4 READ AS FOLLOWS:

5 *(1) It is the intention of the General Assembly to increase the Commonwealth's*
6 *economic competitiveness in the technology and computing employment sector by*
7 *significantly increasing the capacity to educate and prepare high school students*
8 *for the technology workforce. A virtual computer science career academy shall be*
9 *established to expand access to accelerated, early college career pathways for*
10 *Kentucky high school students and prepare them for careers in computing,*
11 *particularly in the field of data science. Principal activities for developing,*
12 *coordinating, and implementing the academy shall be conducted by WeLeadCS, a*
13 *private, nonprofit corporation composed of leaders from education, government,*
14 *and technology and computing sector employers.*

15 *(2) WeLeadCS may solicit, accept, receive, invest, and expend funds from any public*
16 *or private source for the purpose of implementing the provisions in this section.*

17 *(3) WeLeadCS shall:*

18 *(a) Establish a program in which Kentucky teachers provide virtual,*
19 *synchronous instruction for dual college credit computing courses to*
20 *accelerate students' completion of computer science degrees and*
21 *development of the academic knowledge, technical skills, and employability*
22 *skills necessary for careers in high-level computing occupations;*

23 *(b) Collaborate with the Kentucky Center for Statistics to define workforce*
24 *needs and opportunities in the technology and computing sector in each*
25 *local workforce development area;*

26 *(c) Develop the nation's first sequential high school career pathway preparing*
27 *students for careers in data science. The career pathway shall include*

- 1 opportunities for students to earn industry certifications prioritized by
2 employers and college credit for courses that will culminate in accelerated
3 postsecondary degree completion;
- 4 (d) Partner with employers in the technology and computing sector to provide a
5 work-based learning program to connect student learning to real-world
6 practices, expose students to a variety of career options with the technology
7 and computing sector, ensure students develop the tools necessary to
8 compete in the workforce, and provide opportunities for job shadowing,
9 internships, and apprenticeships;
- 10 (e) Collaborate with employers, K-12 and postsecondary school educators, and
11 state education leaders to develop local and statewide initiatives to raise
12 awareness of career opportunities in the technology and computing sector,
13 particularly in data science;
- 14 (f) Advise students in the virtual academy about Kentucky postsecondary
15 degree opportunities in computer science in demand by employers in the
16 technology and computing sector, transferring college credits earned
17 through the academy to expedite and reduce costs of college degree
18 completion, and aligning personal skills and academic abilities to
19 postsecondary degree requirements and employers' expectations;
- 20 (g) Recruit and train Kentucky certified teachers to deliver high-quality,
21 synchronous virtual instruction and support students in a virtual learning
22 environment;
- 23 (h) Coordinate with the Kentucky Department of Education, local school
24 districts, and postsecondary institutions to ensure compliance with statutes
25 and regulations governing student privacy, grading, articulation
26 agreements, student transcripts, and other administrative details; and
- 27 (i) Submit an annual report to the Kentucky Board of Education and the

1 *Legislative Research Commission on the academy including but not limited*
2 *to student enrollment, course completion, college credit hours earned,*
3 *industry certifications earned, and student matriculation to postsecondary*
4 *institutions.*