

KY Valid Course List

HOW TO USE THIS DOCUMENT

This document contains a listing of course descriptions and parameters along with certifications that fit the parameters for a given course. The grade range and population information listed for each course are not absolute. Please choose the course that most closely represents the students in a given course.

EXAMPLE

John Q Middle School had 5th, 6th, and 7th grade students taking a Creative Art course. This course would be linked to course number **500711: Creative Art – Comprehensive**, which shows with a recommended grade range of 6th – 12th.

The courses listed in this document are not meant to replace the course titles and course numbers already in use at the school level. Schools will link their courses on the Infinite Campus “Course Master” tab OR in the “Course” tab to courses listed in this document.

Schools may have created courses that are very unique in order to meet students’ needs. If a course does not meet the definition or content of one contained in this document, please use course number **909999: School Defined Course**, and code the correct content through the LEAD report.

CERTIFICATIONS

It is important to note that the certificates listed are the ones that fit **ALL** of the parameters for a specific course – there may be other certificates that can teach it with slightly more restrictive parameters.

It is very important to note that not all of the certificates listed under a specific course will meet the Highly Qualified Teacher standards as defined by The No Child Left Behind Act of 2001. Please refer to the Highly Qualified guidance documents located on the Education Professional Standards Board (EPSB) website at <http://www.epsb.ky.gov/nclb.asp>.

In addition to Highly Qualified considerations, please take note of the following information from **The Kentucky Core Academic Standards** with regard to middle school courses that are offered for high school credit.

High School Credit Earned in Middle School

It is expected that most students will earn these credits during their high school years. However, local school districts may offer these courses to middle level students if the following criteria are met:

- the content and the rigor of the course is the same as established in the *Kentucky Core Academic Standards*
- the students demonstrate mastery of the middle level content as specified in the *Kentucky Core Academic Standards*
- the district has criteria in place to make reasonable determination that the middle level student is capable of success in the high school course
- **the middle level course is taught by teachers with either secondary or middle level certification with appropriate content specialization**

Although middle level courses list the Provisional and Standard Elementary Certificates, Grades 1-8 as allowable under the parameters of these courses, they will not meet the above requirements for courses that are offered for high school credit.

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Please contact Robin Chandler, policy advisor for the Office of Next Generation Learners in KDE, at 502-564-2106 with any questions on content and curricula.

Please contact EPSB’s Division of Certification at 502-564-4606 with any questions on credentials or permissions.

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Information Technology (110000)

The Information Technology Program prepares students for careers by applying technical knowledge and skills in the rapidly growing fields of computer networking, programming, digital media, support services, and e-commerce/web design.

Information Technology - Computer Maintenance & Support Services (110100)

Career Major-Focuses on the design of computing systems. Includes instruction in the principles of computer hardware & software components, algorithms data basis, telecommunications, etc. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110101 - Computer Essentials

Grade Level: 9 - 12

Credits: 0.5-1

Description: Focuses on the design of computing systems. Includes instruction in the principles of computer hardware & software components, algorithms data basis, telecommunications, etc.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110102 - Help Desk Services

Grade Level: 9 - 12

Credits: 1

Description: Students will learn networking concepts, computer support services, industry recognized certification training, advanced web design, and career exploration while organizing a student-run Technology Help Desk.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110103 - Advanced Computer Maintenance

Grade Level: 10 - 12

Credits: 1

Description: Introduces advanced computer maintenance tasks including installation, building, repairing, configuration, troubleshooting, optimizing, diagnosing and preventive maintenance in the context of the field service or enterprise environment. This course is appropriate for those who work, or plan to work, as computer technicians in a mobile or corporate environment. This course maps closely to the CompTIA A+ 220-602 National Examination.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110104 - Computer Support Essentials

Grade Level: 9 - 12

Credits: 1

Description: Students will learn skills necessary to perform general computer hardware and software support.

Introduces basic computer hardware and operating systems, covering installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing and preventive maintenance, with additional elements of soft skills and security. Course objectives map closely to the CompTIA A+ Essentials National Examination that validates the basic skills needed by any entry-level computer service technician.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110105 - Operating System Support

Grade Level: 10 - 12

Credits: 1

Description: An introduction to end user support and computer management including skills and knowledge required to support users who run current Windows client operating systems in corporate, small business, or home environments. Includes experience with installing, configuring and troubleshooting Windows client operating systems in both Active Directory and workgroup environments.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110106 - PC Field Technician

Grade Level: 9 - 12

Credits: 1

Description: Introduces advanced computer maintenance tasks including installation, building, repairing, configuration, troubleshooting, optimizing, diagnosing and preventive maintenance in the context of the field service or enterprise environment. This course is appropriate for those who work, or plan to work, as computer technicians in a mobile or corporate environment.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics

C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110110 - Computer Literacy

Grade Level: 10 - 12

Credits: 1

Description: Introduces students to main components of computer literacy including Computer Fundamentals, Key applications and Living Online. This course closely mirrors the KCTCS Computer Literacy Standards.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12

KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110152 - Special Topics, Computer Maintenance & Support Services

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Computer Maintenance & Support Services but not described in above courses.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

Information Technology - Programming (110200)

Career Major - Focuses on the general writing and implementation of generic and atomized programs to drive operating systems. Includes software design, languages, and program writing, trouble-shooting, etc. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110201 - Programming (Java, C++, Visual Basic, etc.)

Grade Level: 9 - 12

Credits: 1-8

Description: Focuses on the general writing and implementation of generic and atomized programs to drive operating systems. Includes software design, languages, and program writing, trouble-shooting, etc.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110202 - Introduction to C/C++ Programming

Grade Level: 10 - 12

Credits: 1

Description: Introductory course to C and C++. Students learn to write, compile, test, and debug basic applications that use a graphical user interface.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12

COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110205 - JAVA Programming I

Grade Level: 10 - 12

Credits: 1

Description: Introductory course to object oriented programming in Java. Students learn to write, compile, test, and debug basic applets and applications that use a graphical user interface.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12

QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110206 - JAVA Programming II

Grade Level: 10 - 12

Credits: 1

Description: This course is a continuation of Java Programming I. Students learn input and output streams, networking, advanced graphical user interface features, and the benefits of object-oriented techniques such as encapsulation, inheritance, etc.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business

B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110207 - Visual Basic I

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to provide students with the knowledge and skills to code, execute, and document comprehensive programs in Visual Basic. The programs will involve use of forms for input/output, controls to trigger events, structures to control program execution, sequential and random access of files, arrays, and error handling.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12

CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110208 - Visual Basic II: Desktop Applications

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to provide students with the knowledge and skills to design, develop, and implement Visual Basic applications designed to run on individual computers or workstations. This course helps prepare the student for Microsoft Certified Professional Examination.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12

KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110209 - SQL Programming

Grade Level: 10 - 12

Credits: 1

Description: This first level programming language course covers SQL, a standard relational query and definition language. The syntax for table creation, modification, and access will be presented, including queries based on relational algebra (projection, selection, join, etc.). A host language interface will be used to design interactive screens, format reports, and embed SQL statements.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education

AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting

S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110210 - Database Systems - Implementation & Management

Grade Level: 10 - 12

Credits: 1

Description: This course introduces the student to advanced topics in database design, implementation and administration. Students will complete realistic database projects such as data warehousing, web-enabled database access, data import/export conversion tasks, and implementing database access using two- and three-tier architectures. The projects will have a documented backup and security plans, as well as data dictionaries. The student will become acquainted with important administrative functions of relational database systems.

Content: Programming (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice

B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12

WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110211 - Introduction to Database Design

Grade Level: 10 - 12

Credits: 1

Description: Provides an overview of database management system (DBMS) concepts, internal design models, network communications architectures, development tools, and applications.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110252 - Special Topics, Programming

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Programming but not described in above courses.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

Information Technology - Career Major Electives (110300)

110301 - Computer and Technology Applications

Grade Level: 9 - 12

Credits: 1

Description: Students use a computer and application software including word processing, presentation, database, spreadsheets, Internet, and email to prepare elementary documents and reports. The impact of computers on society and ethical issues are presented.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110302 - Help Desk II: Help Desk Tools

Grade Level: 10 - 12

Credits: 1

Description: This course provides an in-depth look at the process associated technologies available for customer service and support in a technical or non-technical environment. It focuses on the technology, tools and techniques involved in how to run an effective help desk. Students will look at the many software options available for tracking and managing data. Course includes hands-on, real-world projects using current help desk software.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110311 - Advanced Computer Applications

Grade Level: 10 - 12

Credits: 1-3

Description: To provide students an advanced-level experience with practical applications through hands-on

instruction. Course content will include understanding of various hardware, software (including word processing, graphing, spreadsheet, database management, desktop publishing, and electronic communications), operating systems, and care/operations.

Content: Computer and Technology Applications (Advanced)

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A70	Area Specialization: Mathematics-Physical Science
A75	Area Specialization: Distributive Education
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QBU	Teaching Field: Business and Marketing
QMA	Teaching Field: Mathematics
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110399 - Leadership Dynamics - Information Technology

Grade Level: 9 - 12

Credits: 1/2 - 1

Description: This course is designed to assist students with developing skills needed to be successful leaders and responsible members of society. This student will develop personal attributes and social skills. Emphasis will be placed on interpersonal skills, team building, communication, personal development and leadership. This course will include opportunities for students to apply their knowledge.

Content: Leadership Dynamics

Population: General

Due to the large number of certificates permitted to teach this course, no certificates are listed. Please check the certificate permissions on the EPSB website to verify a teacher's permission to teach this course. (Must be a CTE certified teacher)

Information Technology - Computer Science (110700)

Career Major- Focuses on computers, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational Science, and computing theory; computer hardware design; computer development and programming; and applications to a variety of end-use situations. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110701 - Advanced Placement Computer Science A

Grade Level: 10 - 12

Credits: 1

Description: This course follows the curriculum established by the College Board and prepares students to take the Advanced Placement examination in Computer Science.

Content: AP Computer Science

Population: General

A70	Area Specialization: Mathematics-Physical Science
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12

KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QMA	Teaching Field: Mathematics
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110702 - Advanced Placement Computer Science AB

Grade Level: 11 - 12

Credits: 1

Description: This course follows the curriculum established by the College Board and prepares students to take the Advanced Placement examination in Computer Science.

Content: AP Computer Science

Population: General

A70	Area Specialization: Mathematics-Physical Science
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJMA	Adjunct Instructor For Math, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B71	Teaching Major: Mathematics
B74	Teaching Major: Computer Science And Mathematics
C71	Teaching Minor: Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
KMAL	Certificate For Teaching Kentucky Math Limited, Grades 8-12
QMA	Teaching Field: Mathematics
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
T8MA	Temporary Provisional Certificate For Teaching Mathematics, Grades 8-12 (Option 8)
TECS	Temporary Certificate For Computer Science, Grades 8-12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X71	Emergency Certificate For Teaching Mathematics
X74	Emergency Certificate For Teaching Computer Science
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110752 - Special Topics, Computer Science

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Computer Science but not described in above courses.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12

SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

Information Technology - Web Design (110800)

Career Major- Prepares individuals to apply HTML, XML, JavaScript and other authoring tools to the design, editing, and publishing of documents, images, graphics, sound and multimedia products on the World Wide Web. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110801 - HTML Web Page Development

Grade Level: 10 - 12

Credits: 1

Description: Web Page Design using HTML will be introduced. Creating web documents using a simple text editor will be the main focus. How to use a simple web editor will also be covered. Features such as layout, tables, images, forms, frames and the incorporation of sound and video will be explored. Developing site specifications and methods to increase the appeal and effectiveness of web sites are included. How to prepare web documents appropriate for use in business and professional web sites will be covered.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades

CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110802 - Web Page Design

Grade Level: 9 - 12

Credits: 1

Description: Students analyze the structure of the worldwide web, apply basic principles of web documents and HTML, and develop multi-media web pages. Course content will include the understanding of hypertext and web structures. Equipment such as scanners, digital and video cameras, and sound recording devices will be utilized through hands-on instruction.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12

TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110803 - Multimedia Publishing

Grade Level: 9 - 12

Credits: 1

Description: This hands-on course applies publishing and presentation concepts through the development of sophisticated business documents and projects. These documents include, but are not limited to, brochures, manuscripts, reports, programs, catalogs, newsletters, flyers, business forms, and graphs, web pages, on-screen presentations, and video productions. Equipment such as scanners, digital cameras, video cameras, and color laser printers may be utilized in creating the documents. Formatting, editing, page layout, and design concepts are taught. Distribution ready publication standards are applied to all projects. Students will develop communication skills, problem solving techniques, cooperative learning, and interpersonal skills.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction

TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110804 - Web Site Design

Grade Level: 10 - 12

Credits: 1

Description: This course focuses on the overall Web site production process involving layout, navigation, and interactivity, with particular emphasis on design. It will expose the student to the operation of digital video camera, scanners, and sound equipment. The design, layout, and composition of images, animation, and video suitable for Web site production is stressed.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12

COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110805 - Advanced Web Page Development

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to give the student experience with advanced topics in planning and implementing a professional web site. Emerging technologies will be explored in creating interactive web pages that incorporate cascading style sheets, DHTML, JavaScript, and multimedia and graphics. Issues to be covered will include designing for a cross-browser web site and different monitor resolutions.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12

AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12

TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110806 - Data-Driven Web Design

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to provide students with the knowledge and skills to design, deploy, and manage a database drive web site, such as would be used for electronic commerce.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12

KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110808 - Internet Servers Administration

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to provide students with the knowledge and skills to install, configure, manage and troubleshoot Internet servers and TCP/IP protocol.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business

B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110809 - JavaScript

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to provide students with the knowledge and skills to code, execute, and document JavaScript scripting applications. JavaScript can be used to create dynamic behavior in elements of a Web page.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12

KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110810 - Flash

Grade Level: 10 - 12

Credits: 1

Description: This course will introduce Macromedia Flash. Students will gain experience in creating graphics, animation, text, forms, and special effects.

Content: Web Page Design

Population: General

731	Computer Systems Technology
A60	Area Specialization: Business Education
A75	Area Specialization: Distributive Education
ACS	Approval For Teaching Computer Science, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B63	Teaching Major: Basic Business

B64	Teaching Major: General Business
B65	Teaching Major: Accounting-Secretarial Practice
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B69	Teaching Major: Secretarial Studies
B75	Teaching Major: Distributive Education
C60	Teaching Minor: Business Education
C61	Teaching Minor: Accounting
C62	Teaching Minor: Secretarial Practice
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
C72	Teaching Minor: Computer Science
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
QBU	Teaching Field: Business and Marketing
S103	Endorsement For Teaching Shorthand
S61	Endorsement For Teaching Accounting
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
S75	Approval For Teaching Distributive Education
SCI	Endorsement For Specialist In Computerized Instruction
T75	Endorsement For Distributive Education
TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12

X60	Emergency Certificate For Teaching Business Education
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110852 - Special Topics, Web Design

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Web Design but not described in above courses.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

Information Technology - Networking (110900)

Career Major - Focuses on the design, implementation and management of linked systems of computers, peripherals, associated software. Includes introduction in systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110901 - Networking Core Technologies

Grade Level: 9 - 12

Credits: 1-8

Description: Focuses on the design, implementation and management of linked systems of computers, peripherals, associated software. Includes introduction in systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110902 - Networking Fundamentals-Cisco Networking I-Explorer I

Grade Level: 10 - 12

Credits: 1

Description: Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Provides students the opportunity to build simple LAN topologies by applying basic principles of cabling, performing basic configurations of network devices, including routers and switches, and implementing IP addressing schemes.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110903 - Routing Protocols and Concepts-Cisco Networking II-Explorer II

Grade Level: 10 - 12

Credits: 1

Description: Describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Provides students with the opportunity to analyze, configure, verify and troubleshoot the primary routing protocols RIPv1, RIPv2, EIGRP, and OSPF. Includes how to recognize and correct common routing issues and problems.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110904 - LAN Switching and Wireless-Cisco Networking III-Explorer III

Grade Level: 10 - 12

Credits: 1

Description: Covers the technologies and protocols needed to design and implement a converged switched network. Teaches the hierarchical network design model and how to select devices for each layer, switch configuration for basic functionality, implement Virtual LANs, VTP, and later-VLAN routing in a converged network and the various implementations of Spanning Tree Protocol in a converged network.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110905 - Accessing the WAN-Cisco Networking IV-Explorer IV

Grade Level: 10 - 12

Credits: 1

Description: Discusses the WAN technologies and network services required by converged applications in Enterprise Networks. Covers implementation and configuration of common data link protocols and application of WAN security concepts, principles of traffic, access control and addressing services. Teaches how to detect, troubleshoot, and correct common enterprise network implementation issues.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110906 - Network Hardware Installation and Troubleshooting

Grade Level: 10 - 12

Credits: 1

Description: This course is designed to provide students with the knowledge and skills to design, configure, troubleshoot, wire and cabling systems, and equipment involved with connecting a local area network.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110907 - Administering Microsoft Windows Server Topic

Grade Level: 10 - 12

Credits: 1

Description: This course provides students with the knowledge and skill necessary to install and configure Microsoft Windows Server to work in a Workgroup or Domain environment and provide various services to organizations. This course measures your ability to implement, administer, and troubleshoot information systems that incorporate Microsoft Windows Server operating systems.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12

AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110908 - Networking for Home and Small Business-Discovery I

Grade Level: 10 - 12

Credits: 1

Description: Teaches students the skills needed to obtain entry-level home network installer jobs. Guides students in developing some of the skills needed to become network technicians, computer technicians, cable installers, and help desk technicians. Provides a hands-on introduction to networking and the Internet using tools and hardware commonly found in home and small business environments.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades

CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110909 - Small to Medium Business or ISP Networking-Discovery II

Grade Level: 10 - 12

Credits: 1

Description: Prepares students for jobs as network technicians. Develops additional skills required for computer technicians and help desk technicians. Provides a basic overview of routing and remote access, addressing, security, and covers servers that provide e-mail services, Web space, and authenticated access.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12

KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110910 - Introducing Routing and Switching in the Enterprise-Discovery III

Grade Level: 10 - 12

Credits: 1

Description: Familiarizes students with the equipment applications and protocols installed in enterprise networks, with a focus on switched networks, IP Telephony requirements, and security. Introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110911 - Designing and Supporting Computer Networks- Discovery IV

Grade Level: 10 - 12

Credits: 1

Description: Teaches gathering requirements, designing basic networks, establishing proof-of-concept, and performing project management tasks through a variety of case studies and role-playing exercises. Presents lifecycle services, including upgrades, competitive analyses, and system integration, in the context of pre-sale support.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12

TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

110952 - Special Topics, Networking

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Networking but not described in above courses.

Content: Information Technology

Population: General

731	Computer Systems Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
AJIT	Adjunct Instructor For Information Technology
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KISR	Probationary Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
SCI	Endorsement For Specialist In Computerized Instruction
TECS	Temporary Certificate For Computer Science, Grades 8-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
X74	Emergency Certificate For Teaching Computer Science
X76	Emergency Certificate For Teaching Computer Information Systems
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month