

These are the Knowledge and Employability courses available.

Note that all K&E courses are offered in on-line format only.

**English 10-4** has six themes that discuss forms of communication, advertisements, and the world of work.

This course is available only on-line and includes instructions, quizzes, and assignments delivered electronically through a secure website.

5 credits. Prerequisite: KAE Language Arts 9

**English 20-4** contains six themes designed to make students more knowledgeable of their roles in the work place and in society. The themes demonstrate respect for people of different heritage, cultures, genders, ages, and abilities.

Online includes instructions, quizzes, and assignments delivered electronically through a secure site and e-mail.

5 credits. Prerequisite: English 10-4

**English 30-4** contains five thematic units designed to make students more knowledgeable of their roles in the work place and in society. The themes demonstrate respect for people of different heritage, cultures, genders, ages, and abilities.

This course is available only on-line and includes instructions, quizzes, and assignments delivered electronically through a secure website

Five credits. Prerequisite: English 20-4

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**Social Studies 10-4** has six themes that discuss family and community, cultural traits, working conditions within our own country and abroad, and the global economy. This course emphasizes differences and diversities involved in race, socio-economic conditions, and gender. The interactive pieces allow students to develop life skills to enhance their understanding of the global economy.

Online only resource includes instruction and assignments delivered through a secure website and e-mail. There are six thematic evaluations.

5 Credits. Prerequisite: KAE Social Studies 9

**Social Studies 20-4** has seven themes that focus on Canada's development as a nation and our role in the global community. The first three themes look at Canada's First Nations, the historical development of modern day Canada, and Canada's cultural diversity. The next four themes examine how Canada is part of the global community and how our cultural beliefs affect this role. It looks at foreign aid policies, threats to our way of life, and Canada's approach to resolving conflicts.

The online only resource includes instruction and assignments delivered through a secure website and e-mail. There are seven thematic units.

Five credits. Prerequisite: Social Studies 10-4

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**Math 10-4** has nine themes that focus upon basic mathematical operations, mathematical notations (decimals and percentage), and geometry emphasizing the workplace. The interactive pieces embedded into the activities are designed to enable the students to have a practical approach to career development skills.

This online only resource includes instruction and assignments delivered through a secure website and e-mail. There are nine thematic evaluations.

5 Credits. Prerequisite: KAE Mathematics 9

**Mathematics 20-4** has seven themes that focus on number concepts and operations, measurement, shape, patterns and relationships, and collecting and analyzing information (statistics and probability).

The online only resource includes various interactive activities and assignments. Students continue to build on and apply basic math processes by using home, workplace, and community issues and problems in very practical ways.

Five credits. Prerequisite: Mathematics 10-4

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**Science 10-4** has six themes that discuss human health, aspects affecting and being affected by human health, and the environment. The interactive pieces allow students to analyze and interpret results of everyday home, workplace, and community situations.

Online only resource includes instruction and assignments delivered through a secure website and e-mail. There are six thematic evaluations.

5 Credits. Prerequisite: KAE Science 9

**Science 20-4** has four themes that focus on chemical change; energy conversion systems; disease defense and human health; and motion, change, and transportation safety.

The online only resource includes interactive, real-world activities and assignments that encourage students to investigate and classify technologies applicable in the home and various work and community environments.

Five credits. Prerequisite: Science 10-4