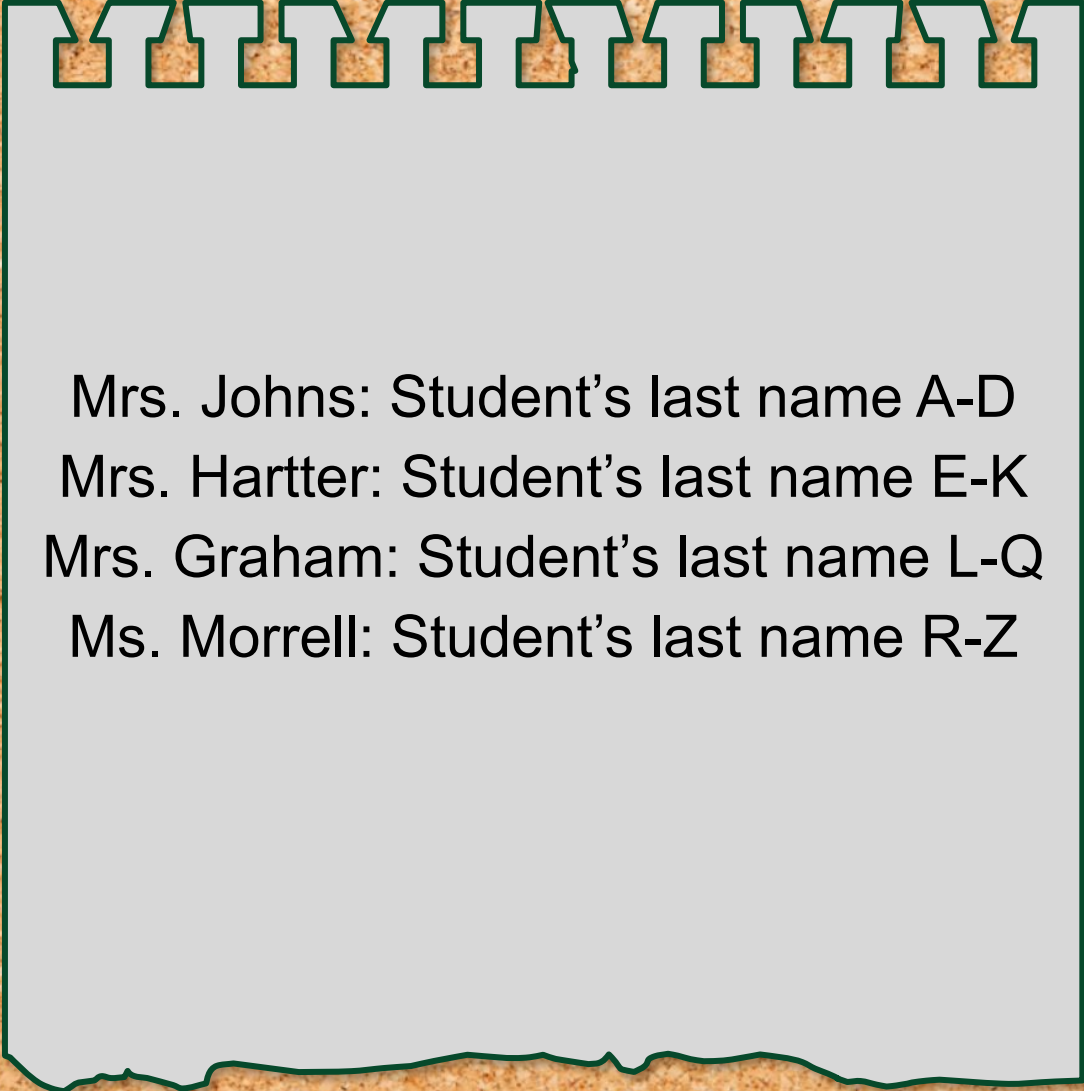


Course Selection



2026-27

School year



Mrs. Johns: Student's last name A-D
Mrs. Hartter: Student's last name E-K
Mrs. Graham: Student's last name L-Q
Ms. Morrell: Student's last name R-Z

Course Selection Timeline

Jan 12 - Feb. 27

Make an appointment with your counselor to discuss course requests

January 21

CTEC Open House
6 pm

Jan. 28 & 29

JCCC TEC Information Night (see course selection website for details)

February 20

Deadline for course applications DHS, CTEC, EDTEC, JCCC TEC, & KCKCC TEC

February 20

Math placement uploaded by teacher will be entered into Skyward

March 25

Final deadline to make any changes to course selection

Graduation requirements

**25 Credits +
2 PSAs**

Communications (4.5)

4.0 credits - English

0.5 credits - Communications

STEM (8)

4.0 credits - Math

3.0 credits - Science

1.0 credits - STEM

Society & Humanities (4.5)

3.5 credits - Social Science

1.0 credits - Fine Arts

Employability & Life Skills (8)

0.5 credits - Health

1.0 credits - Physical Education

0.5 - Financial Literacy

6.0 - General Electives

2 Post-Secondary Assets*

STEM Electives



Scan to view the USD 232
Interactive Course guide

How to Find STEM Elective Options

1. Visit the USD 232 Interactive Course Guide
2. Select the “ALL Grades” option
3. Search STEM elective in the search box.

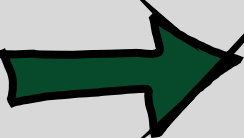
Please note that in order for a course to count as a STEM elective, it cannot also count as a graduation requirement for another subject.
For example, Chemistry cannot count as one of your 3 science credits AND your STEM Elective.

Postsecondary Assets (2)

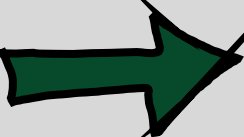
**Board of Regents Curriculum
Career-Technical Education Scholar
ACT score (21+ higher)
WorkKeys - Silver or higher
State Assessment Score (3 or 4 for Math, ELA, Science)
ASVAB
Seal of Biliteracy
AP Exam (3+)
95% attendance in high school
Senior Exit Interview/Senior Projects
JROTC
40 or more Community Service Hours
Client Centered Projects
Workplace Learning Experiences Directly Related to IPS
Eagle Scout or Gold Scout
4-H Kansas Key Award
Participation in 2 or more high school activities/athletics**

Course Selection Resources:

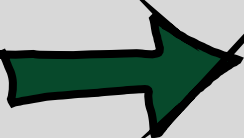
All course information can be found at
DHS website – Academics – Academic Overview



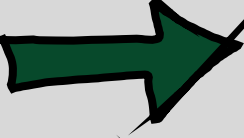
USD 232 Interactive Course Guide



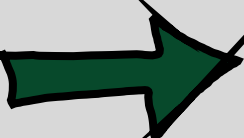
Honors & AP Videos



Off Campus Program Options



Course Applications



Pathway Information



USD 232 Pathways

Automation Engineering
Biotechnology
Business Finance
Business Management and Entrepreneurship
Construction and Design
Early Childhood Development
Engineering and Applied Mathematics
Family and Consumer Sciences
Health Sciences
Manufacturing
Marketing
Media Design and Communications
Programming and Software Development
Restaurant and Event Management
Teaching and Training
Travel and Tourism
Vehicle Maintenance and Repair

IPS - Plan of Study

DESIGN, PRODUCTION & REPAIR - AUTOMATION ENGINEERING PATHWAY –

This pathway focuses on using engineering, technology, and computer systems to design, build, and maintain automated processes that improve efficiency and productivity in manufacturing and industry. It includes topics like robotics, electronics, mechanical systems, programming, control systems, sensors, and the ethical and safety standards of engineering. Students learn how to design and troubleshoot automated equipment, integrate new technologies, and apply problem-solving skills to real-world engineering challenges.

CAREERS INCLUDE Automation Engineer, Robotics Technician, Mechanical Engineer, Electrical Engineer, Industrial Engineer, Mechatronics Specialist, Manufacturing Engineer, Process Control Technician, PLC Programmer, Maintenance Engineer, Systems Integrator, Quality Control Engineer, Instrumentation Technician, Engineering Technician, Robotics Programmer, Design Engineer, CNC Programmer / Operator, Test Engineer, Automation Project Manager, Industrial Maintenance Mechanic

SAMPLE PLAN OF STUDY*

*This course has a co/prerequisite. †This course is offered at CTEC. ¥This course counts as a STEM Elective

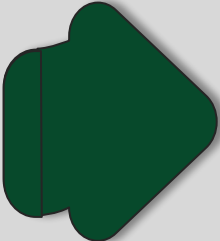
FRESHMAN YEAR (1.0) English (1.0) Math (based on math course progression) (1.0) Science (1.0) Social Studies (1.0) Physical Education (1.0) Performing/Fine Arts Credit (1.0) Engineering Design ¥ (1.0) Elective	SOPHOMORE YEAR (1.0) English (1.0) Math (based on math course progression) (1.0) Science (1.0) Social Studies (0.5) Health (1.0) Robotics I ¥† (1.0) Principles of Engineering *¥† (prereq, not in Pathway) (1.5) Electives
JUNIOR YEAR (1.0) English 11/AP Lang & Comp (1.0) Math (based on math course progression) (1.0) Science (1.0) Social Studies (0.5) Communications Credit (1.0) Digital Electronics *¥† &/or Computer Integrated Manufacturing *¥† (1.0) Robotics II *¥† (1.5) Electives	SENIOR YEAR (1.0) English 12 or AP Lit & Comp or AP Lang & Comp (1.0) Math (based on math course progression) (1.0) Science (0.5) Political Participation or Con. Law/AP Government (0.5) Financial Literacy (1.0) Digital Electronics *¥† &/or Computer Integrated *¥† Manufacturing (1.0) Engineering Workplace Experience *¥† (2.0) Electives

Internships

- Opportunity for students to gain hands on work experience in a particular career field
- Summer, Fall, or Spring
- Fills 2 blocks in schedule (Fall or Spring only)
- Complete application by February 20 (Summer or Fall)
- Student must be in good academic standing, have a resume, be able to provide their own transportation, and have parental permission
- Application can be found on the DHS website

CTEC

Program options:



Design, Manufacturing, Automation Engineering, Biotechnology, programming & software development, Early Childhood

Two block minimum:



AM or PM, Green day or White day



See CTEC course sheet for course pairings

JCCC & KCKCC Technical Education Programs

JCCC

Auto Tech, Auto Engineer,
CNA, Const. Mgmt, EMR,
Cybersecurity, Drafting,
HVAC, Electronics Tech,
Electrician, Plumbing,
Welding

Class schedule varies by
program

Students must commit
for the whole year, spots
are limited

KCKCC

Auto Collision, Auto Tech,
Const. Tech, Culinary Arts,
Cybersecurity, HVAC,
Machine Tech, CNA,
Multimedia/Video Prod.,
Welding

JCCC TEC Nights

Jan. 28 - Hospitality &
Culinary, Cybersecurity,
Certified Nurses Aide,
Fashion Merchandising,
Floral Design, Interior
Design

Tuition is paid through KS
Excel in CTE Bill

Student/Family are responsible
for books and fees

Student/Family is responsible
for transportation

JCCC TEC Nights

Jan. 29 - Automation
Engineering, Automotive
Technology, Construction
Management, Electronics
Tech, Electrical Tech, HVAC,
Welding, Plumbing

Informational session - PAC 1/20
Seminar

Deadline to apply is February 20

EDTEC: *Eudora- Desoto Tech Education Center*

1. Floriculture & Greenhouse Mgmt w/ Animal Science
2. Health Science (CNA)
3. Mobile Equipment Maintenance
4. Restaurant and Event Management

Class times are from 7:25 am - 9:00 am (1st block)

Year long commitment, students CANNOT drop after 1st semester

Transportation provided to/from DHS

Bus leaves at 7:05 am from DHS

Student/Family is responsible for course fees, which can range from \$50 - \$140 depending on the program

Interested students can tour EDTEC on February 10th. Sign up in Student Services

Deadline to apply for EDTEC is February 20

Informational session -
PAC 1/20 Seminar

New Courses for 2026-27

Business Management

- Prerequisite: None
- Grades: 9-11

Business Management and Entrepreneurship Workplace Exp.

- Prerequisite: 1 credit in the business management and entrepreneurship pathway
- Grades: 11-12

Business Communications

- Prerequisite: None (*business management recommended*)
- Grades: 11-12

Applied Business Development

- Prerequisite: .5 credit in finance, marketing, or business management pathway
- Grades: 10-12

Event Planning and Management

- Prerequisite: None
- Grades: 9-12

New Courses for 2026-27

Sports Medicine 1

- Prerequisite: Human Anatomy or concurrent enrollment
- Grades: 11-12

Drawing for Designers (CTEC)

- Prerequisite: None
- Grades: 10-12

Workplace Experience in Human Services

- Prerequisite: 1 credit in FACS pathway and internship application
- Grades: 11-12

Workplace Experience in Early Childhood Development

- Prerequisite: 1 credit in early childhood pathway and application
- Grades: 11-12

Math Placement

Students math courses are determined by their current teacher

Teachers will have conversations with students about appropriate math placement

Data used will include current grades, Pre ACT scores, ACT scores, etc

Your math placement will be posted in Skyward no later than February 20

If students disagree with their placement, the student will need to consult current math teacher

Did you know that AP courses...

Can be an extra 2-8 hours of homework depending on course to be successful?

Take away from extra curricular activities, part time jobs, and family commitments?

**Are a full year commitment?
(Students aren't allowed to drop at the end of first semester)**

Are available for college credit either through the AP exam or JCCC?

Can meet general education requirements for 4 year degrees? (if college credit is earned)

Prepare you for college unlike any other class can?

See the AP teacher if you have more questions!

Earning College Credit in High School

	Advanced Placement	JCCC College Now	Baker University
Cost	\$100 per exam	\$101 per credit hour	\$118 per credit hour
How to Sign Up	Register in October, see email from AP coordinator	Enroll in course at JCCC in early September, see email from Mrs. Johns	Enroll in course at Baker by late August, see email from Mrs. Friday
Transferring Credit	Accepted by most colleges; check with each institution for their AP credit policies	Transfers to most state schools in and outside of Kansas	Transfers to most state schools in and outside of Kansas
How Credit is Earned	Achieving a score of 3, 4, or 5 on the AP exam in May	Pass the course; some transfer schools may not accept grades lower than a C	Pass the course; some transfer schools may not accept grades lower than a C
Amount of Credit Earned	Depends on score, higher scores can earn more credit or eliminate prerequisites	The number of credit hours assigned to the course	The number of credit hours assigned to the course

College Admission Requirements

Pitt State, Emporia State, Fort Hays State, Wichita State
Requirements: 2.25+ GPA or 21+ ACT

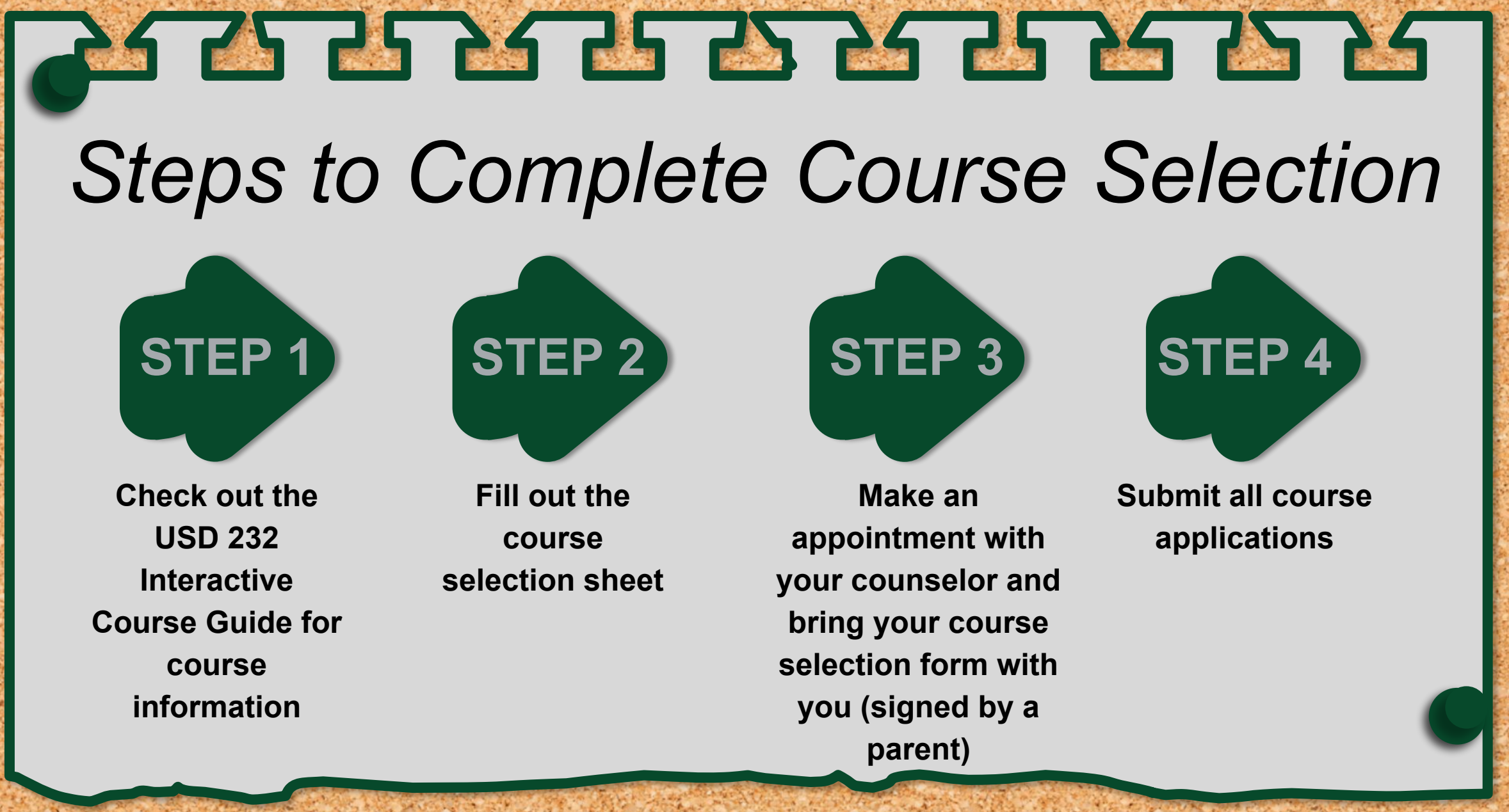
K-State Requirements: 3.25+ GPA OR 21+ ACT

KU Requirements: 3.25+ GPA OR 2.0+ GPA AND 21+ ACT

Community College/Technical School Requirements: High School Diploma

Out of state schools - Individual School Requirements may vary





Steps to Complete Course Selection

STEP 1

**Check out the
USD 232
Interactive
Course Guide for
course
information**

STEP 2

**Fill out the
course
selection sheet**

STEP 3

**Make an
appointment with
your counselor and
bring your course
selection form with
you (signed by a
parent)**

STEP 4

**Submit all course
applications**