MOC-Floyd Valley Course Offerings 2026-2027 School Year

NUM	Y/S	MATH
110	Y	Algebra I (9)
115	Y	Math Concepts & Support I
120	Y	Geometry (9-10)
130	Y	Algebra II, Trig & Disc Math (10-12)
140	Y	Precalculus (11-12)
145	S1	Calculus Concepts
MAT210	**S2**	***NCC-Calculus I** *(Pre-Calc)*
MAT156	**S1/S2**	***NCC-Statistics** *(Alg II)*

NUM	Y/S	SCIENCE
210	Y	Phyiscal Science (9)
220	Y	Biology (10)
230	Y	Chemisty (11-12)
240	Y	Physics (11-12)
241	S1	Advanced Biology (12) *(Chemistry)*
242	S2	Anatomy & Phys (11-12) *(Chemistry)*
231	Y	Applied Science I (11-12) *(approved)*
	--	Approved Ag Courses
HSC172	**S1/S2**	**NCC-Cert. Nurses Assistant**

NUM	Y/S	LANGUAGE ARTS
310	Y	English I (9)
320	Y	Comp/American Lit (10)
330	Y	Comp/Oral Comm (11)
340	Y	Comp/British Lit (12)
350	S2	Creative Writing (10-12)
351	S2	Lit & Wld Affairs-Eng (12)
SPC112	**S1/S2**	***NCC-Public Speaking (12)**
352	S2	Shakespeare (10-12)
353	S1	Modern Takes in Literature (10-12)
354	S2	Literature and Film (10-12)

NUM	Y/S	SOCIAL STUDIES
410	Y	World History (9)
420	Y	American History (10)
440	S1	Modern History (10-12)
441	S2	Social Issues (10-12)
442	S1/S2	Behavioral Science (11-12)
430	S1/S2	American Government (12)
443	S2	Lit & World Affairs-SS (12)
444	S1/S2	Wld Cultures (10-12)
445	S2	Intro to Macro/Micro Economics (11-12)

NUM	Y/S	FOREIGN LANGUAGE
390	Y	Spanish I
391	Y	Spanish II *(Spanish I)*
392	Y	Spanish III *(Spanish II)*
393	Y	Spanish IV *(Spanish III)*

NUM	Y/S	VISUAL ARTS
510	S1	Art I
511	S2	Art II
520	S1	Drawing I
521	S2	Drawing II
530	S1	Painting I *(Drawing I)*
531	S2	Painting II
535	S1/S2	Ceramics I (11-12) *(Art I)*
536	S1/S2	Ceramics II (11-12) *(Ceramics I)*
540	S1/S2	Photography *(Art I)*
545	S1/S2	Advanced Art Studio *(Art I, Drawing, Painting)*

NUM	Y/S	FINE ARTS/MUSIC
550	Q1	Marching Band (9-12)
551	Q234	Concert Band (9-10)
552	Q234	Symphonic Band (11-12)
560	Y	Concert Choir
570	Y	Orchestra
MUS100		***NCC-Music Appr & History (10-12)**
MUS102		***NCC-Fund. of Music (10-12)**

NUM	Y/S	HEALTH/PHYS EDUCATION
600	F/S	Life Wellness PE (9-10)
605	F/S	Life Wellness PE (11-12)
610	F/S	Personal Fitness PE (9-10)
615	F/S	Personal Fitness PE (11-12)
620	F/S	Dutch Power & Performance (9-12)
625	Y	Health I (9)
630	Y	Health II (11)

NUM	Y/S	EDUCATION COURSES (12)
EDU210	**S1**	***NCC-Foundations of Ed**
EDU150	**S2**	***NCC-Directed Observation**
EDU150	**S2**	***NCC-Directed Observation**

NUM	Y/S	CAREER EDUCATION
WBL140	**S1/S2**	***NCC-CAPS**
810	S1/S2	Extended Career Exp I *(Approv)*
815	S1/S2	Extended Career Exp II *(Approv)*
830	S1/S2	Peer Tutor *(Approv)*

Career experiences, registered apprenticeship programs, and peer tutoring are upon approval only.

NUM	Y/S	Computer Science
175	Y	Comp Sci Princ *(Alg I)*
180	Y	Computer Sci App *(Alg II)*
185	Y	Comp Sci Capstone *(Alg II)*

NUM	Y/S	BUSINESS EDUCATION
450	S1/S2	Business Software
460	S1/S2	Dutch Design I
461	S1/S2	Dutch Design II
462	S1/S2	Dutch Design Studio
463	S2	Graphic Design
470	Y	Accounting I (10-12)
471	Y	Accounting II *(Accounting I)*
480	S2	Business Management (11-12)
490	S1/S2	Pers Finance (11-12)

NUM	Y/S	FAMILY & CONSUMER SCIENCE
670	Y	Skills for Living (9)
674F	S1	Independent Living (10-12)
676S	S2	Parent & Child Dev (10-12)
680F	S1	Foods & Nutrition I (11-12)
682S	S2	Foods & Nutrition II (11-12) *(Foods I)*
686F	S2	Creative Fashions (10-12) '27-28
684S	S2	Housing (10-12) '26-27

NUM	Y/S	INDUSTRIAL TECHNOLOGY
700	S1	Intro to Industrial Tech (9-10)
701	S2	Intro to Manu (9-10)
710	S1	Intro to CAD/CAM (10-11)
711	S2	Computer Aided Manufacturing (10-11)
720	S1	Carpentry I (10-12)
721	S2	Carpentry II (10-12)
730	S1	Electricity and Electronics (10-12)
731	S2	Automation Robotics in Manufacturing (10-12)
740	S2	Manufacturing Capstone (11-12)

NUM	Y/S	AGRICULTURE EDUCATION
750	S1	Intro to Ag, Food, Natural Resources
755	S2	Ag Leadership
760	Y	Animal Science '26-27 (10-12)
761	S1	Natural Resources '27-28 (10-12)
762	S2	Crop Production '27-28 (10-12) *(Natural Resources)*
770	S1	Ag Mechanics (11-12)
771	S2	Ag Mechanics II (11-12)
780	S1	Adv Animal Science '27-28 *(Animal Science)*
790	S2	Horticulture (9-12) '26-'27
795	S1	Ag Management (11-12)

High School Graduation Requirements

Mathematics – 6 credits
- Algebra I - 2 credits
- Geometry - 2 credits
- Algebra II - 2 credits

Science – 6 credits
- Physical Science - 2 credits
- Biology - 2 credits
- Chemistry – 2 credits
  OR
  Ag Pathway: Natural Resources, Crop Production, & Animal Science - 2 credits

Language Arts – 8 credits
- English I - 2 credits
- Composition/American Literature - 2 credits
- Composition/Oral Communication - 2 credits
- Composition/British Literature (Fall and/or Spring) - 1 or 2 credits
  - OR Lit & World Affairs (Spring) - 1 credit

Social Studies – 6 credits
- World History - 2 credits
- U.S. History - 2 credits
- American Government – 1 credit
- Electives - 1 credit

Career & Technical Education (CTE) - 3 credits
- Econ/Personal Finance – 1 credit
  OR
  Ag Pathway: Ag Management – 1 credit
- Electives - 2 credits (1 in at least two CTE groups)
- CTE Course groups include the following:
  - Agriculture
  - Business
  - Family & Consumer Science
  - Industrial Technology
  - Computer Science
  - Vocational

The Arts - 1 credit
- Band – ½ credit/semester; Choir – ¼ credit/semester
  OR
- Art Electives

Physical Education & Health
- P.E. – ¼ credit per semester. Required each semester.
- Health - 2 credits
  - 9th Grade – Health I - 1 credit
  - 11th or 12th Grade – Health II -1 credit

General Electives - 10 credits

* All courses from any course group taken above and beyond the required number of credits will roll into general electives.

44 credits are required for graduation.

MOC-FLOYD VALLEY
COMMUNITY SCHOOL DISTRICT

NORTHWEST
IOWA COMMUNITY COLLEGE
Your success is our story.

Concurrent Enrollment Course Offerings

- Concurrent Enrollment are courses delivered though a contractual agreement between MOC-FV and Northwest Iowa Community College.
- Concurrent Enrollment is open to all students in grades 9-12 free of charge. This includes textbooks and materials. Students would pay for textbooks if they would like to own the book.
- Students are allowed to take classes any way they choose, for example: online, in-person at MOCFV, in-person at NCC, and Career Academy.
- Students are not limited to the number of courses or credits they take per semester or year, except those set by NCC regarding full-time load.
- Postsecondary Enrollment Options (PSEO) are courses taken via an Iowa college or university when a course is not available through the district or contracted community college. PSEO is open to all students in grades 11-12 and identified GT students in grades 9 and 10.
- Students must demonstrate ISASP proficiency in English language arts, mathematics and science to participate in SYP programming. If not proficient in the ISASP, EdReady proficiency (80+) is required.

Course	College Credits	Notes/Pre-Requisites
ART-101 – Art Appreciation	3	
BIO-151 – Nutrition	3	
***EDU-210 – Foundations of Education** (fall)	3	
***EDU-150 – Directed Observation** (spring)	1	
ENG-105 – Composition I	3	EdReady score (80+) OR ACT Reading Score (17+)
ENG-106 – Composition II	3	pass ENG-105 before enrollment
HIS-110 – Western Civ: Ancient to Early Modern	3	
HIS-111 – Western Civ: Early Modern to Present	3	
HSC-114 – Medical Terminology	3	
***HSC-173-EN5 – Cert Nurse Aid (CNA)**	3	Sophomore AND 15+ years old
***HSC-174 – Nurse Aid Clinical**	1	Clinical must be completed within 6 months of HSC-173
*MAT-121 – College Algebra	4	EdReady (80+) OR ACT Math Score (22+)
***MAT-156 – Statistics**	3	*Algebra II* (MOC-FV) AND EdReady (80+) OR ACT Math Score (17+)
***MAT-210 – Calculus I** (spring)	4	*Pre-Calculus* (MOC-FV) AND EdReady score (85+) OR ACT Math Score (24+)
***MUS-100 – Music Appreciation** (fall)	3	
***MUS-102 – Music Fundamentals** (spring)	3	
PHI-101 – Introduction to Philosophy	3	
PHI-105 – Introduction to Ethics	3	
PSY-111 – Introduction to Psychology	3	
PSY-121 – Developmental Psychology	3	
SOC-110 – Introduction to Sociology	3	
***SPC-112 – Public Speaking**	3	
WBL-140 – CAPS Solutions	3	

*** designates in-person concurrent course**

Career Academy Program Offerings

Students interested in any of the Career Academy programs listed below need to see Mrs. Koenig or Mr. Boone for more information and a detailed infographic for the program. If viewing online, please click the link for the detailed infographic.

- Automotive Pathway
- Education Pathway
- Engineering Pathway
- Diesel Technology Pathway
- Healthcare Pathway
- IT Pathway
- Welding Pathway