



## HOMEWOOD-FLOSSMOOR HIGH SCHOOL COURSE SCOPE & SEQUENCE



Semester 1 '10 – '11      Department: Applied Academics      Course: Drafting (Honors)    Instructor(s): Beebe  
 This course is aligned to:    **College Readiness Standards and/or College Board Standards**    Other:

*The Homewood-Flossmoor High School Course Scope & Sequence provides parents and students with a semester-long overview of each class that we offer. **An instructor may alter a course's scope & sequence as needed.** Students are responsible for keeping track of due dates and other pertinent course information in their H-F Student Planners. Parents, please contact your child's teacher by telephone or e-mail to clarify any questions you may have about the scope & sequence of a particular course.*

WEEK	COLLEGE READINESS AND/OR COLLEGE BOARD CONTENT STANDARDS	INSTRUCTIONAL CONTENT	ACTIVITIES, READINGS, LABS, AND/OR ASSIGNMENTS	MAJOR ASSESSMENTS	OTHER
WEEK #1 8/16 – 8/20 No school: 8/16 & 8/17	R.I.b.1 R.II.d.1	Introduction to Drafting	Lecture, Chapter Worksheet		
WEEK #2 8/23 – 8/27	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.II.c.1 M.III.a.1 M.VII.a.1 M.VII.b.2 R.I.b.1 R.II.d.1	Introduction to Drafting	Lecture, Applied Math Worksheets, Chapter Worksheets, Measuring Worksheets		
WEEK #3 8/30 – 9/3 PLC day:	M.I.a.1 M.I.a.2 M.I.a.3	Lettering, Sketching	Lecture, Lettering Worksheets, Sketching Geometry	Sketching of Objects	



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9/3	M.I.b.1 M.I.b.2 R.I.b.1 R.II.d.1 W.IV.e.1				
WEEK #4 9/6 – 9/10 No school: 9/6 Pep assembly: 9/10	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1	Manual Drafting	Lecture, Teacher Demonstration	Drawings: Assignments 1, 2, 3, 4	
WEEK #5 9/13 – 9/17	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2	Manual Drafting	Teacher Demonstration	Drawings: Assignments 1, 2, & 4	
WEEK #6 9/20 – 9/24 PLC day: 9/24	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1	Introduction to CAD	Lecture, Teacher led Demonstrations	Drawings: Assignments 2, 5, & 6	Career Research Project
WEEK #7 9/27 – 10/1	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1	Single View CAD	Teacher led Demonstrations	Drawings: Assignments 7, 8,9	



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	M.I.b.2 M.VII.b.2				
WEEK #8 10/4 – 10/8 PLC day: 10/8	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1	Basic Dimensioning	Lecture, Teacher led Demonstrations	Drawings: Assignments 7, 8, 9 with Dimensions	Quarter Test
WEEK #9 10/11 – 10/15 No school: 10/11 All School Testing: 10/13	M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2	Basic Dimensioning	Teacher led Demonstrations	Drawings: Assignments 10, 11, 12 with Dimensions	
WEEK #10 10/18 – 10/22 End of 1 <sup>st</sup> Quarter: 10/22	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1	Orthographic-Projection	Lecture, Teacher led Demonstrations	Drawings: Assignments 10, 11, 12, 13 with Dimensions	



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WEEK	COLLEGE READINESS AND/OR COLLEGE BOARD CONTENT STANDARDS	INSTRUCTIONAL CONTENT	ACTIVITIES, READINGS, LABS, AND/OR ASSIGNMENTS	MAJOR ASSESSMENTS	OTHER
WEEK #11 10/25 –10/29 PLC day: 10/29	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Orthographic-Projection	Teacher led Demonstrations, Teacher observations	Drawings: Assignments 17, 18 with Dimensions	
WEEK #12 11/1 – 11/5 Parent/teacher Conferences: 11/4 No school: 11/5	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Orthographic-Projection	Teacher Observations	Drawings: Assignments 19, 20, 21 with Dimensions	
WEEK #13 11/8 –11/12 No school: 11/11	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Orthographic-Projection	Teacher Observations, Worksheets	Drawings: Assignments 19, 20, 21 with Dimensions	
WEEK #14 11/15 –11/19 PLC day: 11/19	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2	Orthographic-Projection	Teacher Observations	Drawings: Assignments 22, 23 with Dimensions	



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	R.I.b.1 S.I.a.1				
WEEK #15 11/22 – 11/26 No school: 11/25 & 11/26	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1	Orthographic-Projection	Teacher Observations	Drawings: Assignments 24, 25 with Dimensions	
WEEK #16 11/29 – 12/3	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1	Orthographic-Projection	Teacher Observations, Worksheets	Drawings: Assignments 25, 26 with Dimensions	
WEEK #17 12/6 – 12/10 PLC day: 12/10	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Orthographic-Projection	Teacher Observations	Drawings: Assignments 25, 26 with Dimensions	Quarter Test
WEEK #18 12/13 – 12/17	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2	Pictorial Drawings	Lecture, Teacher led Demonstrations	Drawings: Assignment 27 (Oblique sketches & CAD)	



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	R.I.b.1 R.II.d.1				
WEEK #19 1/3 – 1/7	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1	Pictorial Drawings	Lecture, Teacher led Demonstrations	Drawings: Assignment 27 (Isometric sketches & CAD)	
WEEK #20 1/10 – 1/14 Finals: 1/11 – 1/13 Marking Day 1/14		Finals	Finals, Portfolio Development	Finals	Finals, Portfolio

Semester 2 '10 – '11      Department: Applied Academics      Course: Drafting (Honors)      Instructor(s): Beebe  
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WEEK #1 1/17 – 1/21 No school: 1/17	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Pictorial Views	Teacher led demonstrations, oblique sketches, oblique CAD drawings		
WEEK #2 1/24 – 1/28 PLC day: 1/28	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Pictorial Views	Teacher led demonstrations, isometric sketches, isometric CAD drawings #’s 30, 31, 32, 33, 34		
WEEK #3 1/31 – 2/4	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Section Views	Lecture, demonstrations, chapter worksheet	CAD drawings: full section #35, half section #36	
WEEK #4 2/7 – 2/11 PLC day:	M.I.a.1 M.I.a.2 M.I.a.3	Section Views	Demonstrations on creating section views	CAD drawings: offset section #37, revolved section #38	



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2/11	M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1				
WEEK #5 2/14 – 2/18	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1	Section Views	Demonstrations on creating conventional breaks	CAD drawings: conventional break #39, broken view #40(honors)	
WEEK #6 2/21 – 2/25 No school: 2/21 PLC day: 2/25	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1	Auxiliary Views	Lecture, demonstration, chapter worksheet	CAD drawings: #'s 41, 42	
WEEK #7 2/28 – 3/4	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Auxiliary Views	Demonstration on dimensioning auxiliary views	CAD drawings: #'s 43, 44	
WEEK #8 3/7 – 3/11 No School:	M.I.a.1 M.I.a.2 M.I.a.3	Auxiliary Views Architectural Floor Plans	Finish any auxiliary drawings, lecture on floor plans, room sketch	Test (pictorial, section, auxiliary views)	Quarter Test



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3/7 & 3/8	M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1				
WEEK #9 3/14 – 3/18 PLC day: 3/18	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1 W.IV.e.1	Architectural Floor Plans	Demonstration on creating walls in AutoCAD	CAD drawings: Basic floor plan	
WEEK #10 3/21 – 3/25 End of 1 <sup>st</sup> Quarter: 3/25	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 R.II.d.1	Architectural Floor Plans	Demonstration on creating doors and windows in AutoCAD	CAD drawings: Basic floor plan	



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WEEK #11 4/4 – 4/8	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Architectural Floor Plans	Demonstration on dimensioning floor plans in AutoCAD	CAD drawings: Basic floor plan, Front elevation(honors)	
WEEK #12 4/11 – 4/15 PLC day: 4/15	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Developments	Lecture, chapter worksheet, demonstration	Creation of developments	
WEEK #13 4/18- 4/22 No school: 4/22	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Threads & Fasteners	Lecture, chapter worksheet, demonstration of detailed threads		
WEEK #14 4/25 – 4/29 PSAE: 4/27 & 4/28	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2	Threads & Fasteners	Demonstration of symbolic threads	CAD drawing: detailed threads #45	



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	R.I.b.1 S.I.a.1				
WEEK #15 5/2 – 5/6 PLC day: 5/6	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1	Threads & Fasteners	Demonstration on annotating threads and fasteners	CAD drawing: symbolic threads #46	
WEEK #16 5/9 – 5/13	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1 S.I.a.1	Introduction to Parametric Modeling	Lecture, demonstration, Inventor tutorials #'s 1, 2, 3	Test (floor plans, developments, threads & fasteners, Parametric modeling)	
WEEK #17 5/16 – 5/20 PLC day: 5/20	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2 R.I.b.1	Introduction to Parametric Modeling	Demonstration, Inventor tutorial #'s 4, 5		
WEEK #18 5/23 – 5/27 Seniors' last day:	M.I.a.1 M.I.a.2 M.I.a.3 M.I.b.1 M.I.b.2 M.VII.b.2	Introduction to Parametric Modeling, Class Culmination	Portfolio development	Culminating Portfolio	



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5/26	R.I.b.1 R.II.d.1				
WEEK #19 5/30 – 6/3 No school: 5/30 Final Exams: 5/31 – 6/2 Marking Day: 6/3		Finals		Semester Final	