Course Name	Course Code	Grade	Prerequisite	Credit
English				
English 6	100000 – A 100200 – H	6		
Reading Strat Wkshp	101600	6		
English 7	102000 – A 102200 – H	7		
Communication Studies	115400	7, 8		
Acc Literacy Skills	115600	7		
Reading Strat Wkshp	103600	7		
English 8	120000 – A 120200 – H	8		
Reading Strat Wkshp	105600	8		
English 9	140300 – A 140200 – H 140V00 – VL	9		1.0
English 10	150300 – A 150200 – H 150V00 - VL	10	English 9	1.0
English 11	160300 – A 160200 – H 160V00 – VL	11	English 10	1.0
AP Eng Lang and Comp	160100	11	English 10	1.0
English 12	170300 – A 170V00 – VL	12	English 11	1.0
AP Eng Lit and Comp	170100	12	English 11 or AP Eng Lang and Comp	1.0
English 12 DE	170006	12	English 11 or AP Eng Lang and Comp	1.0
Creative Writing	160700 – SEM 160000 – FY	9-12		0.5 1.0
Fundamentals of Writing	160702	9-12		0.5
Etymology	185700	9-12		0.5
Film Studies Analysis	248300	10-12		1.0
21st Cent Lit Strat I	192000 – FY 192700 – SEM	9-12		1.0 0.5
21st Cent Lit Strat II	193000 – FY 193700 – SEM	10-12	21st Cent Lit Strat I	1.0 0.5
21st Cent Lit Strat III	192003	10-12	21st Cent Lit Strat II	1.0
21st Cent Lit Strat IV	193004	10-12	21st Cent Lit Strat III	1.0
Mythology	195000	9-12		1.0
Women's Studies	191500	11-12		1.0
Intro to Journalism	187000	9-12		1.0
Newspaper Journ I	188000	10-12	Intro to Journalism	1.0
Newspaper Journ II	188002	11-12	Newspaper Journ I	1.0
Newspaper Journ III	188003	12	Newspaper Journ II	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
English				
Photojournalism I	189001	10-12	Intro to Journalism	1.0
Photojournalism II	189002	11-12	Photojournalism I	1.0
Photojournalism III	189003	12	Photojournalism II	1.0
Public Speaking	194700	10-12		0.5
Reading Strat Wkshp 1	101100	9-12		1.0
Reading Strat Wkshp 2	101200	9-12		1.0
Reading Strat Wkshp 3	101300	9-12		1.0
Reading Strat Wkshp 4	101400	9-12		1.0
Writing Center I	160801	10-12	Instructor permission	1.0
Writing Center II	160802	11-12	Writing Center I	1.0
Writing Center III	160803	12	Writing Center II	1.0
Mathematics				
Middle School				
Math 6	510000	6		
Foundations of Alg	514000	6		
Pre-Algebra	531000	6-8		
Algebra I	540000	7-8	Pre-Algebra	1.0
Geometry	550000	8	Algebra I	1.0
Alg II/Trig I	571000	8	Geometry	1.0
High School				
Algebra I Part 1	542000	9-12	Pre-Algebra	1.0
Algebra I Part 2	543000	9-12	Algebra I Part 1	1.0
Algebra I	540000 540V00 – VL	9-12	Pre-Algebra	1.0
Algebra Intervention	557700	9-12	Successful completion of Alg I, non-passing score for SOL	0.5
Algebra I DB Part 1	543201	9-12		1.0
Algebra I DB Part 2	543202	9-12		1.0
Personal Living & Finance	591070	9-12	Pre-Algebra	1.0
Geometry	550000 550V00 – VL	9-12	Algebra I	1.0
Functions, Alg & Data Analysis	565000	9-12	Algebra I	1.0
Algebra II	560000 560V00 – VL	9-12	Algebra I and Geometry	1.0
Alg II/Trig I	571000 571V00 – VL	9-12	Algebra I and Geometry	1.0
Statistics & Probability	597700	10-12	Algebra II	0.5
Discrete Mathematics	599700	10-12	Algebra II	0.5
Adv Functioning & Modeling	572000	10-12	Algebra II	1.0
Precalculus	585000 585V00 – VL	10-12	Algebra II	1.0
Mathematical Analysis	586000 586V00 – VL	10-12	Alg II/Trig or Precalc	1.0
Calculus	586200	10-12	Precalc or Math Analysis	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
Comp Math – Intro to Comp Sci	593000	9-12	Algebra I	1.0
AP Comp Sci A	595100	10-12	Comp Math	1.0
AP Comp Sci Prin	597000	10-12	Algebra I	1.0
AP Calculus AB	585100	11-12	Math Analysis or Precalc	1.0
AP Calculus BC	586100	11-12	Math Analysis or AP Calc AB	1.0
AP Statistics	598100	9-12	Algebra II	1.0
Multivariable Calculus	583002	11-12	AP Calc BC & 4 or higher on AP exam	1.0
Multivariable Calculus DE	583006	11-12	AP Calc BC & 4 or higher on AP exam	1.0
Science				
Science 6	610000 610200 – H	6		
Life Science	620000 620200 – H	7		
Physical Science	630000 630200 – H	8		
Earth Science A	640300 640V00 – VL	9-10		1.0
Research Earth Science H	640200	9-12		1.0
Astronomy VL	64057V	11-12	Earth Science	1.0
Oceanography VL	64000V	11-12	Earth Science	1.0
Biology A	650300 650V00 – VL	9-10		1.0
Research Biology H	650200	9-10		1.0
AP Biology	655100	10-12	Bio Research or Academic or Chem Research or Academic (completed or taken concurrently)	1.0
Biology DE/AP	6551DE	10-12	Bio Research or Academic or Chem Research or Academic (completed or taken concurrently)	1.0
Chemistry	660000 660V00 – VL	10-12	Algebra I	1.0
Research Chemistry H	661000	10-12	Algebra I	1.0
AP Chemistry	665100	11-12	Bio Research or Academic *and* Chem Research or Academic	1.0
Chemistry DE/AP	6651DE	11-12	Bio Research or Academic *and* Chem Research or Academic	1.0
Environmental Science	656000	11-12	Two science credits	1.0
AP Enviro Science	674200	11-12	Earth Science Academic or Research, Bio Academic or Research (suggested)	1.0
Conceptual Physics	673000	10-12	Algebra I	1.0
Physics H	671000 671V00	11-12	Algebra II	1.0
AP Physics C: Mech	675100	11-12	Prereq: Physics Coreq: Calc	1.0
Physics DE	670016	11-12	Alg II w/coreq Precalc or higher	1.0

Course	Course Code	Grade	Prerequisite	Credit
Geospatial Science	670201	12		1.0
Geospatial Science DE	670206	11-12		1.0
Geospatial Science II DE	670306	12	Geo Sci I and JMU approval	1.0
Independent Science Research	680000	11-12	Completion of at least 2 sciences in different disciplines	1.0
Independent Science Research DE	680106	11-12	Completion of at least 2 sciences in different disciplines	1.0
Independent Science Research II DE	680206	12	Independent Science Research DE	1.0
Social Science				
US Hist to 1865	710000 710200 – H	6		
US Hist 1865 – Present	720000 720200 – H	7		
Civics and Econ	730000 730200 – H	8		
World Hist/Geo to 1500	740300 740V00 – VL	9		1.0
Intro to AP World Hist/Geo to 1500	740900	9		1.0
World Hist/Geo 1500 to present	745300 745V00 – VL	10		1.0
AP World History	751000	10-12	World History/Geography	1.0
US and VA History	750300 750V00 – VL	11		1.0
US History DE	750007	11	Must pass entrance exam	1.0
AP US History	750100	11		1.0
US/VA Government	760300 760V00	12		1.0
US/VA Government DE	760006	12		1.0
AP US Gov & AP Comp Gov	762000	12		1.0
AP Micro/Macro	782000	11-12		1.0
AP Human Geo	741100	10-12		1.0
Economics	782700 782V00 – VL	10-12		0.5
Surv of African Hist	773100	11-12		1.0
African American Hist	773V00	10-12		1.0
Surv of Latin Amer Hist	781200	11-12		1.0
Global Social Issues	775000	11-12		0.5
Modern Int'l Relations	784700	11-12		0.5
Psychology	786700 786V00 – VL	11-12		0.5
AP Psychology	787100	11-12		1.0
The World of Ideas	741300	11-12		0.5
World Religions	741400	11-12		0.5

Course Name	Course Code	Grade	Prerequisite	Credit
World Language				
ASL I	380000	9-12		1.0
ASL II	382000	10-12	ASL I	1.0
ASL III	383000	11-12	ASL II	1.0
ASL IV H	384800	11-12	ASL III or teacher rec	1.0
ASL DE	384506	11-12	ASL III or teacher rec	1.0
French I	340000	7-12		1.0
French I VL	34100V	9-12		1.0
French II	342000	8-12	French I	1.0
French II VL	34100V	9-12	French I	1.0
French III	343000 34300V – VL	10-12	French II	1.0
French IV H	344000	10-12	French III	1.0
French V H	345000	10-12	French IV H	1.0
French DE	346006	11-12	French IV H	1.0
AP French Lang and Culture	345100	11-12	French V H	1.0
German I	370000	7-12		1.0
German I VL	37100V	9-12		1.0
German II	372000	8-12	German I	1.0
German II VL	37200V	9-12	German I	1.0
German III	373000	10-12	German II	1.0
German IV H	374000	10-12	German III	1.0
German V H	375000	10-12	German IV H	1.0
German DE	376006	10-12	German IV H	1.0
AP German Lang and Culture	375100	10-12	German V H	1.0
Latin I	350000	7-12		1.0
Latin I VL	35100V	9-12		1.0
Latin II	352000	8-12	Latin I	1.0
Latin II VL	35200V	9-12	Latin I	1.0
Latin III	353000	9-12	Latin II	1.0
Latin IV H	354000	10-12	Latin III	1.0
Latin V H	355000	10-12	Latin IV H	1.0
Latin V DE	356006	10-12	Latin IV H	1.0
AP Latin	359100	10-12	Latin VH	1.0
Mandarin Chinese I	321000 396V00 – VL	9-12		1.0
Mandarin Chinese II	331000 397V00 – VL	10-12	Mandarin Chinese I	1.0
Mandarin Chinese III	334000	11-12	Mandarin Chinese II	1.0
Mandarin Chinese IV H	335000	11-12	Mandarin Chinese III	1.0
Russian I	385000	9-12		1.0
Russian II	386000	10-12	Russian I	1.0
Russian III	387000	11-12	Russian II	1.0
Russian IV H	387800	12	Russian III	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
Spanish I	360000	7-12		1.0
Spanish I VL	36100V	9-12		1.0
Spanish II	362000	8-12	Spanish I	1.0
Spanish II VL	36200V	9-12	Spanish I	1.0
Spanish III	363000 36300V	9-12	Spanish II	1.0
Spanish IV H	364000	10-12	Spanish III	1.0
Spanish V H	365000	10-12	Spanish IV H	1.0
Spanish DE	363003	11-12	Spanish IV H	1.0
AP Spanish Lang and Culture	365100	11-12	Spanish V H	1.0
AP Spanish Lit and Culture	365200	11-12	Spanish V H	1.0
Spanish for Fluent Speakers I	367000	7-12		1.0
Spanish for Fluent Speakers II	367300	8-12	Spanish for Fluent Speakers I	1.0
Spanish for Fluent Speakers III H	367500	9-12	Spanish for Fluent Speakers II	1.0
Spanish for Fluent Speakers IV H	367504	10-12	Spanish for Fluent Speakers III	1.0
English Learners				
MS EL English I	100110	6-8		
MS EL English II	100111	6-8		
MS EL Math	535010	6-8		
MS EL Science	620310	6-8		
MS EL Social Science	710310	6-8		
HS EL English I	394110	9-12		1.0
HS EL English II	394210	9-12		1.0
Literacy I	190011	9-12		1.0
Literacy II	190012	9-12		1.0
HS Pre EL Math	588210	9-12		1.0
HS EL Math	588310	9-12		1.0
HS EL Science	650510	9-12		1.0
HS EL Social Science	770310	9-12		1.0
CTE				
Intro to Comp App	808700	6		
FACS 7	806700	7		
Tech Ed 7	801700	7		
FACS 8	807000	8		
Intro to Teacher Cadet	843000	8		
Tech Ed 8	802000	8		
Tech of Robotic Dsgn	803000	8		
Accounting	830000	10-12		1.0
Adv Comp Info Sys	828002	10-12	Comp Info Sys	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
Adv Drawing and Dsgn	854500	11-12	Eng Draw & Dsgn or Arch Draw & Dsgn	1.0
Adv Marketing Co-op	823000	11-12	Mktg Co-op or Mktg Non Co-op; Travel, Destination Tourism recommended	2.0
Adv Marketing Non Co-op	823100	11-12	Mktg Co-op or Mktg Non Co-op; Travel, Destination Tourism recommended	1.0
Adv Marketing Co-op Seminar DE	823006	11-12	Mktg Co-op or Mktg Non Co-op; Travel, Destination Tourism recommended	2.0
Adv Marketing Non Co-op Seminar DE	823106	11-12	Mktg Co-op or Mktg Non Co-op; Travel, Destination Tourism recommended	1.0
Aerospace Science I	810000	10-12		1.0
Aerospace Science II	810500	11-12	Aerospace Science I	1.0
App Development I H	828601	11-12	Cybersecurity Ops or Cybersecurity in Mktg	1.0
App Development II H	828601	12	App Dev I	1.0
Architectural Drawing & Dsgn	854000	10-12	Tech Drawing & Dsgn	1.0
Business Law	835700	10-12	Intro to Business & Mktg	0.5
Business Management	836700	10-12	Intro to Business & Mktg	0.5
Computer Information Systems	828001	9-11		1.0
Cybersecurity in Manufacturing	894102	10-12	Intro to Cybersecurity	1.0
Cybersecurity in Manufacturing, Adv	894302	11-12	Cybersecurity in Manufacturing	1.0
Cybersecurity in Mktg	894100	10-12	Intro to Cybersecurity	1.0
Cybersecurity Operations	894103	10-12	Intro to Cybersecurity	1.0
Design, Multimedia and Web Tech	839001	10-12	Computer Information Sys	1.0
Early Childhood Ed I	844100	10-12	Intro to Early Childhood Ed or Independent Living	2.0
Early Childhood Ed Seminar I DE	844306	10-12	Intro to Early Childhood Ed or Independent Living	2.0
Early Childhood Ed II	844200	11-12	Early Childhood Ed I or Early Childhood Ed Sem I DE	2.0
Early Childhood Ed II Seminar DE	844406	11-12	Early Childhood Ed I or Early Childhood Ed Sem I DE	2.0
Economics and Personal Finance	825100	10-12		1.0
Economics and Personal Finance VL	823V00	10-12		1.0
Engineering Drawing & Design	853500	10-12	Technical Drawing & Design	1.0
Fashion Design & Merchandising	846700	10-12	Intro to Business & Mktg	1.0
Fashion Careers I	846100	10-12	Fashion Dsgn & Merch and Ind Living, recommended	2.0

Course Name	Course Code	Grade	Prerequisite	Credit
Fashion Careers II	846200	11-12	Fashion Careers I	2.0
Food Science & Dietetics	845200	10-12	Gourmet Foods	1.0
Gourmet Foods SEM	845700	9-11		0.5
Gourmet Foods FY	845100	9-11		1.0
Independent Living	840700	9-11		0.5
Intro to Business & Mktg	821000	9-11		1.0
Intro to Culinary Arts	875101	9-11		1.0
Intro to Cybersecurity	894101	9-11		1.0
Intro to Early Childhood Ed	844003	9-11		1.0
Manufacturing Systems I	852400	10-12	Materials & Processes or Tech of Robotic Dsgn	1.0
Manufacturing Systems II	852800	11-12	Manufacturing Sys I	1.0
Marketing Co-op	822000	11-12	Intro to Business & Mktg or AET Entrepreneurship II DE	2.0
Marketing Non Co-op	822100	11-12	Intro to Business & Mktg or AET Entrepreneurship II DE	1.0
Materials & Processes	852000	9-11		1.0
Naval Science I	848000	9-12	Application	1.0
Naval Science II	849000	10-12	Naval Science I	1.0
Naval Science III	847000	11-12	Naval Science II	1.0
Naval Science IV	845000	12	Naval Science III	1.0
Personal Finance	825000	10-12		0.5
PLTW Civil Engineering & Architecture H	898900	10-12	PLTW Principles of Eng H	1.0
PLTW Intro to Engineering Dsgn H	898400	9-11		1.0
PLTW Principles of Engineering H	898800	10-12	PLTW Intro to Eng Dsgn H	1.0
Production Systems	851000	12	Manufacturing Systems II	1.0
Project Management	827000	11-12	Any two CTE seq elec	1.0
Sports Marketing and Entertainment	821100	10-12	Intro to Business & Mktg or AET Entrepreneurship II DE	1.0
Teacher Cadet I DE	844006	11		1.0
Teacher Cadet II DE	844005	12	Teacher Cadet I DE	1.0
Technical Drawing & Design	853000	9-11		1.0
Technology of Robotic Design	803000	8-12		1.0
Travel, Tourism & Destination Mktg	822500	10-12	Intro to Business & Mktg or AET Entrepreneurship II DE	1.0
Fine Arts				
Art 6	200700	6		
Art 7	201700	7		
Art 8 SEM	202700	8		
Art 8 FY	202000	8		
Art 8 Three-Dim Dsgn	203000	8		
Art I	240000	9-12		1.0
Art II	241000	10-12	Art I	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
Art III	242000	11-12	Art II or Art I and 2 sem courses	1.0
Art IV	243000	12	Art III	1.0
Survey of Art and Architecture Hist I	247700	9-12		0.5
Survey of Art and Architecture Hist II	248700	9-12		0.5
Computer Graphic Dsgn SEM	232700	10-12	Art I	0.5
Computer Graphic Dsgn FY	232000	10-12	Art I	1.0
Ceramics	245000	10-12	Art I	1.0
Drawing & Painting SEM	231700	10-12	Art I	0.5
Drawing & Painting FY	231100	10-12	Art I	1.0
Photography SEM	245700	10-12	Art I	0.5
Photography FY	245600	10-12	Art I	1.0
Sculpture	244700	10-12	Art I	0.5
AP Drawing	247100	12	Art III	1.0
AP 2D Art & Design	248100	12	Art III	1.0
AP 3D Art & Design	249200	12	Art III	1.0
Music				
Chorus 6	235000	6		
Music Lab 6	205000	6		
Strings 6	207000	6		
Band 6	230000	6		
Band 7	231000	7	See course description	
Chorus 7	236000	7		
Guitar 7	208000	7		
Strings 7	207100	7	See course description	
Chorus 8	237000	8	See course description	
Band 8	232000	8	See course description	
Strings 8	207003	8	See course description	
Guitar 8 Level 1	210000	8		
Guitar 8 Level 2	209000	8	See course description	
Music Appreciation	260000	9-12		1.0
Music Appreciation DE	262206	11-12		1.0
Music Theory/History	262000	9-12		1.0
AP Music Theory	262100	9-12	Music/Theory Hist and/or teacher recommendation	1.0
Instrument Methods	270000	9-12	Teacher rec/audition	1.0
Concert Band I	272000	9-12	Teacher rec/audition	1.0
Concert Band I H	272100	9-12	Teacher rec/audition	1.0
Concert Band II	274000	9-12	Teacher rec/audition	1.0
Concert Band II H	274100	9-12	Teacher rec/audition	1.0
Beginning Orchestra	275004	9-12		1.0
Intermediate Orchestra	275003	9-12	See course description	1.0
Advanced Orchestra	275002	9-12	See course description	1.0
Advanced Orchestra H	275100	9-12	See course description	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
Artist Orchestra	275001	9-12	See course description	1.0
Artist Orchestra H	275200	9-12	See course description	1.0
Jazz Ensemble	276000	9-12	Teacher rec/audition	1.0
Jazz Ensemble H	276100	9-12	Teacher rec/audition	1.0
Beginning Guitar	293000	9-12		1.0
Intermediate Guitar	294000	9-12	See course description	1.0
Advanced Guitar	295000	9-12	See course description	1.0
Advanced Guitar H	295100	9-12	See course description	1.0
Artist Guitar	296000	9-12	See course description	1.0
Artist Guitar H	296100	9-12	See course description	1.0
Mixed Chorus	280000	9-12		1.0
Small Vocal Ensemble	278000	9-12	Audition	1.0
Small Vocal Ensemble H	278100	9-12	See course description	1.0
Advanced Mixed Chorus	282000	9-12	Audition	1.0
Advanced Mixed Chorus H	282100	9-12	See course description	1.0
Advanced Bass Chorus	284000	9-12	Audition	1.0
Advanced Bass Chorus H	284100	9-12	See course description	1.0
Advanced Treble Chorus	286000	9-12	Audition	1.0
Advanced Treble Chorus H	286100	9-12	See course description	1.0
Bass Chorus	284001	9-12		1.0
Treble Chorus	286001	9-12		1.0
Theatre Arts				
Exploratory Dramatics	201100	7-8		
Theatre Arts I	250000	9-12		1.0
Theatre Arts II	251000	10-12	Theatre Arts I or audition	1.0
Theatre Arts III	252000	11-12	Theatre Arts II or audition	1.0
Theatre Arts IV	253000	12	Theatre Arts III or audition	1.0
Film Studies Production	248400	10-12		1.0
Tech Theatre Design/Production I	254100	9-12		1.0
Tech Theatre Design/Production II	254200	10-12	Tech Theatre Dsgn/Prod I	1.0
Drama Projects: Musical Theatre	257000	10-12	Theatre Arts I and/or instructor permission	1.0
Intro to Theatre Arts DE	258006	11-12		1.0
Theatre Hist/Lit and Performance DE	256006	12	Intro to Theatre Arts DE	1.0
Theatre Stagecraft, Dsgn and Prod DE	259007	11-12	Technical Theatre	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
HPE				
HPE 6	410000	6		
HPE 7	420000	7		
HPE 8	430000	8		
HPE 9	440000 440V00 – VL	9		1.0
HPE 10	450000 450V00 – VL	10	HPE 9	1.0
Classroom Driver Ed	453000	10	HPE 9	
Intro to Outdoor Ed FY	461001	11-12	HPE 10	1.0
Intro to Outdoor Ed SEM	461701	11-12	HPE 10	0.5
Adv Outdoor Ed FY	461002	11-12	Intro to Outdoor Ed	1.0
Adv Outdoor Ed SEM	461702	11-12	Intro to Outdoor Ed	0.5
Personal Fitness FY	468001	11-12	HPE 10	1.0
Personal Fitness SEM	468701	11-12	HPE 10	0.5
Intro to Weight Training FY	462001	11-12	HPE 10	1.0
Intro to Weight Training SEM	462701	11-12	HPE 10	0.5
Adv Weight Training FY	462003	11-12	Intro to Weight Training	1.0
Adv Weight Training SEM	462703	11-12	Intro to Weight Training	0.5
Lifetime Sports FY	466001	11-12	HPE 10	1.0
Lifetime Sports SEM	466701	11-12	HPE 10	0.5
Lifetime Fitness FY	469001	11-12	HPE 10	1.0
Lifetime Fitness SEM	469701	11-12	HPE 10	1.0
Intro to Strength and Conditioning FY	463001	11-12	HPE 10	1.0
Intro to Strength and Conditioning SEM	463701	11-12	HPE 10	0.5
Adv Strength and Conditioning FY	463001	11-12	Intro to Strength and Conditioning	1.0
Adv Strength and Conditioning SEM	463701	11-12	Intro to Strength and Conditioning	0.5
Intro to Team Sports FY	464001	11-12	HPE 10	1.0
Intro to Team Sports SEM	464701	11-12	HPE 10	0.5
Adv Team Sports FY	464002	11-12	Intro to Team Sports	1.0
Adv Team Sports SEM	464702	11-12	Intro to Team Sports	0.5
Intro to Yoga FY	467001	11-12	HPE 10	1.0
Intro to Yoga SEM	467701	11-12	HPE 10	0.5
Adv Yoga FY	467002	11-12	Intro to Yoga	1.0
Adv Yoga SEM	467702	11-12	Intro to Yoga	0.5
NASM Certified Personal Trainer	465007	11-12	HPE 10, 17+ years of age, government issued ID	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
Other Courses				
Resource 6	003000	6		
Spectrum 6	010000	6	See course description	
Resource 7	002000	7		
Spectrum 7	015000	7	See course description	
Resource 8	001000	8		
Spectrum 8	010700	8	See course description	
Intro to Comp Science	527000	7-8		
Computer Science Foundations	527100	7-8		
Avid	096000	8		
Advanced Placement Seminar	099900	10-12		1.0
Advanced Placement Research	099901	11-12	Advanced Placement Seminar	1.0
Avid 1	092000	9		1.0
Avid 2	093000	10	Avid 1 recommended	1.0
Avid 3	094000	11	Avid 2	1.0
Avid 4	095000	12	Avid 3	1.0
Basic Skills FY	080040	9-12		1.0
Basic Skills SEM	080045	9-12		0.5
Career Pathways	080580	10-12		1.0
SAT Prep	071000	10-12		0.5
Academies of Loudoun				
AET Integrated Math I	566100	9		1.0
AET Integrated Math II	566200	10	AET Integrated Math I	1.0
AET AP Calculus AB	566300	11-12	AET Integrated Math II or Math Analysis	1.0
AET AP Calculus BC	566400	11-12	AET Integrated Math II or Math Analysis	1.0
AET AP Statistics	598200	12	AET AP Calculus AB	1.0
AET Multivariable Calculus	583300	12	AET AP Calculus BC – 3 or higher on AP exam	1.0
AET Integrated Science I	667100	9		1.0
AET Integrated Science II	667200	10	AET Integrated Science I	1.0
AET Physics	671300	9		1.0
AET Research Biology	650400	9-12		1.0
AET Research Chemistry	661500	10		1.0
AET AP Advanced Computer Science	668000	10	AET Info Tech and Computer Science AP exam	1.0
AET AP Physics	671400	11	AET Integrated Science II	1.0
AET Eng Studies III	855103	11	AET Integrated Science II	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
AET Comp Science Investigations	668100	11	AET Adv Comp Science	1.0
AET AP Biology	655200	12	AET Research Biology, Research Biology or Biology	1.0
AET AP Environmental Science	674300	12	AET Research Biology, Research Biology or Biology	1.0
AET AP Chemistry	665200	12	AET Integrated Science II	1.0
AET Senior Research – Comp Systems	668200	12	AET Junior Research	1.0
AET Senior Research – Engineering	668300	12	AET Junior Research	1.0
AET Info Tech & Comp Science	829300	9		1.0
AET Engineering Studies I	855101	9		1.0
AET Engineering Studies II	855102	10	AET Engineering Studies I	1.0
AET Entrepreneurship I	824201	9		1.0
AET Entrepreneurship II DE	824406	10	AET Entrepreneurship I	1.0
AOS Math Analysis & Computational Modeling	563001	9		1.0
AOS Math Analysis & Computational Modeling with Statistics	563002	10	AOS Math Analysis & Computational Modeling	1.0
AOS AP Calculus AB	561100	11-12	AOS Math Analysis & Computational Modeling	1.0
AOS AP Calculus BC	571100	11-12	AOS Math Analysis & Computational Modeling or AOS AP Calculus AB	1.0
AOS Multivariable Calculus DE	583007	12	AOS AP Calculus BC, 4 or higher on exam	1.0
AOS Multivariable Calculus w/topics from Differential Equations	583301	12	AO AP Calculus BC	1.0
AOS Integrated Science I	664900	9		1.0
AOS Integrated Science II	645900	9	AOS Integrated Science I	1.0
AOS Integrated Science III	654900	10	AOS Integrated Science I & II	1.0
AOS Biology	652900	11	AOS Integrated Science III & AOS Sophomore Research	1.0
AOS Sophomore Science Research	651900	10	AOS Integrated Science I & II	1.0
AOS Junior Science Research	661900	11	AOS Sophomore Science Research	1.0
AOS Senior Science Research	671900	12	AOS Junior Science Research	1.0
AOS AP Biology	664100	12	AOS Biology	1.0

Course Name	Course Code	Grade	Prerequisite	Credit
AOS AP Environmental Science	674100	12	AOS Integrated Science III	1.0
AOS AP Chemistry	669100	12	AOS Integrated Science III	1.0
AOS AP Physics	662100	12	AOS Integrated Science III	1.0
MATA Admin of Justice I	887309	11-12		1.5
MATA Admin of Justice II	887408	11-12	MATA Admin of Justice I	1.5
MATA Auto Collision Repair Tech I	867701	11-12		1.5
MATA Auto Collision Repair Tech II	867702	11-12	MATA Auto Collision Repair Tech I	1.5
MATA Auto Servicing Tech I	862401	11		1.5
MATA Auto Servicing Tech II	862402	11	MATA Auto Servicing Tech I	1.5
MATA Auto Servicing Tech III	862403	12	MATA Auto Servicing Tech II	3.0
MATA Biomedical Technology I	885301	11		3.0
MATA Biomedical Technology II	885302	12	MATA Biomedical Tech I	3.0
MATA Biotechnology	885200	11-12		3.0
MATA Building Construction I	865701	11-12		1.5
MATA Building Construction II	865702	11-12	MATA Building Construction I	1.5
MATA Cisco I DE	895106	11-12		0.75
MATA Cisco II DE	895206	11-12	MATA Cisco I	0.75
MATA Cisco III DE	895306	11-12	MATA Cisco II	0.75
MATA Cisco IV DE	895406	11-12	MATA Cisco III	0.75
MATA Computer & Digital Animation I	839100	11		3.0
MATA Computer & Digital Animation II	839006	12	MATA Computer & Digital Animation I	3.0
MATA Comp Integrated Eng & Dsgn I DE	898506	11		3.0
MATA Comp Integrated Eng & Dsgn II DE	898602	12	MATA Comp Integrated Eng & Dsgn I DE	3.0
MATA Cosmetology I	873701	11		1.5
MATA Cosmetology II	874702	11	MATA Cosmetology I	1.5
MATA Cosmetology III	874500	12	MATA Cosmetology II	3.0
MATA Culinary Arts I	875701	11-12		1.5
MATA Culinary Arts II	875702	11-12	MATA Culinary Arts I	1.5
MATA Cybersecurity I DE	894201	11-12		1.5
MATA Cybersecurity II DE	894202	11-12	MATA Cybersecurity I DE	1.5
MATA Emergency Medical Tech I	859507	11-12		1.5
MATA Emergency Medical Tech II	859508	11-12	MATA Emergency Tech I	1.5
MATA Environmental Plant Science I DE	885101	11-12		1.5

Course Name	Course Code	Grade	Prerequisite	Credit
MATA Environmental Plant Science II DE	885102	11-12	MATA Environmental Plant Science I	1.5
MATA Firefighter I	859701	11-12		1.5
MATA Firefighter II	859702	11-12	MATA Firefighter I	1.5
MATA Graphic Communication	879400	11		3.0
MATA Health Informatics	861100	11-12		3.0
MATA HVAC I	881701	11-12		1.5
MATA HVAC II	881702	11-12	MATA HVAC I	1.5
MATA Intro to Health and Med Sciences	861006	10		3.0
MATA Masonry I	898701	11-12		1.5
MATA Masonry II	898702	11-12	MATA Masonry I	1.5
MATA Med Lab Tech I	861206	11		3.0
MATA Med Lab Tech II	861706	12	MATA Med Lab Tech I	3.0
MATA Nurse Aide I	889701	11-12		1.5
MATA Nurse Aide II	889702	11-12	MATA Nurse Aide I	1.5
MATA Pharmacy Tech I	861306	11		3.0
MATA Pharmacy Tech II	862304	12	MATA Pharm Tech I	3.0
MATA Radiology Tech I	861406	11		3.0
MATA Radiology Tech II	861402	12	MATA Radiology Tech I	3.0
MATA TV Prod & Dig Moviemaking I	893701	11-12		1.5
MATA TV Prod & Dig Moviemaking II	893703	11-12	MATA TV Prod & Dig Moviemaking I	1.5
MATA Vet Science I	885401	11-12		1.5
MATA Vet Science II	885402	11-12	MATA Vet Science I	1.5
MATA Welding I DE	896701	11		1.5
MATA Welding II DE	896702	11	MATA Welding I	1.5
MATA Welding III DE	896306	12	MATA Welding II	3