

FUTURE COLLEGE PLAN

HIGH SCHOOL PROGRAM OF STUDY

Cluster: Arts/ Humanities

Major: Visual Design - Conventional/CAD Drafting

COLLEGE PROGRAM OF STUDY

College: WVU Tech CTC

Associate Degree: Mechanical Engineering Technology

HIGH SCHOOL SCHEDULE			
9th	10th	11th	12th
Graduation Requirement English 9	Graduation Requirement English 10	Graduation Requirement English 11	Graduation Requirement English 12
Graduation Requirement US Studies	Graduation Requirement World Studies	Graduation Requirement Social Studies	Major Course *Option* Fundamentals of Industrial Equipment Maintenance
Graduation Requirement Algebra I or Applied Math I	Graduation Requirement Geometry	Graduation Requirement Algebra II	Major Course *Required* 4th Math
Graduation Requirement CATS 9	Graduation Requirement CATS 10	Graduation Requirement Lab Science	Recommended Elective
Graduation Requirement Physical Education	Recommended Elective	CAD Drafting I <i>College Technical Electives</i>	CAD Drafting II <i>College Course DRET 120</i>
Graduation Requirement Health	Recommended Elective		
Recommended Elective	Recommended Elective		
Unrestricted Elective	Unrestricted Elective		

- Delete one (1) elective a year for a 7 block schedule

- High School courses are not necessarily taken in the listed sequence - Counselor will determine appropriate sequence

 High school courses in red provide an opportunity to earn **FREE COLLEGE CREDIT** for the college courses listed below in red (EDGE)

COLLEGE SCHEDULE			
Freshman Year 1st Semester	Freshman Year 2nd Semester	Sophomore Year 1st Semester	Sophomore Year 2nd semester
ENGL 101 English Composition I	ENGL 202 Business & Professional Writing	PHYS 201 College Physics I	MATH 117 Technical Calculus
MATH 113 Technical Algebra	MATH 114 Technical Trigonometry	ELET 171 DC Circuit Analysis	MEET 226 Mechanical Design II
GNET 108 Basic Computer Applications	CIET 114 Statics	CIET 115 Strength of Materials	MEET 250 Climate Control
GNET 100 Technology Orientation	DRET 121 Drafting II	MEET 225 Mechanical Design I	ELET 274 Electrical Control Systems
MEET 121 Manufacturing Processes I	MEET 122 Mfg. Processes II	MEET 240 Fluid Power	Technical Elective 3 hours <i>*Earned in High School</i>
HU/SS Elective (HIST 101)	HU/SS Elective HIST 102		CHEM 115 Fundamentals of Chemistry
DRET 120 Drafting I <i>*Earned in High School</i>			

Required Credit Hours for Degree _____ 72

Occupations:

*Operations Integrator *Production Supervisor *Project Engineer *Test Technician *Manufacturing Engineering Technician *Mechanical Engineering Technician*

 Earned College Credit (EDGE) _____ 5*

*Plus an additional 3 credit hrs. toward a B.S. degree

Hours Remaining to Reach Degree _____ 67

Average Salary \$27,000 to 37,000

Average College Savings _____ \$565.00

Plus 2 Option with 4-Year Degree

B.S. - Engineering Technology - Mechanical; B.S. - Industrial Technology