

THOMAS EDISON HIGH SCHOOL OF TECHNOLOGY

Program Offerings ***

2009-2010

Students may elect to take the first year of a two-year program if they are not using the course as a program completer. All TEHST programs offer 1.5 credits per semester. Some courses have prerequisites. Most courses are career development completer programs, but not all (i.e. our Web Technology and Digital Media course). As a general rule, we do not enroll Grade 9 students. Grade 11 and 12 students have program placement priority. In some programs, Grade 10 students are typically considered if space is available in the course. Advanced Technology courses are marked with a "***". Biotechnology is an advanced level course with science credit and is offered in the PM only. Medical Careers is offered in the PM only. Courses articulated with Montgomery College for college credit are in *italic* type.

<u>Course</u>	<u>Grades</u>	<u>First Year</u>		<u>Second Year</u>	
Foundations of Automotive Technologies (TP)	10-12	504592 1A	504692 1B		
Auto Body Repair Technology (TP)	10-12	555392 1A	555492 1B	555592 2A	555692 2B
<i>Automotive Technology (TP)</i>	10-12	506192 1A	506292 1B	506792 2A*	506892 2B*
<i>Biotechnology w/ Science credit & Adv Level (DP)</i>	11-12	386792 1A	386892 1B	386992 A	387092 B
<i>Special Topics in Biotechnology w/ Adv Level (SP)</i>		387192 1A	387292 1B	(required Biotech internship)	
Cosmetology (3 year program)	10-12	558392 1A (TP)	558492 1B (DP)	564392 2A (DP)	564492 2B (DP)
Related Math A #			323192 A (SP)		
Applied Science				361592 2A (SP)	361692 2B (SP)
Applied Science	<i>Third Year</i>	558792 3A (TP)	558892 3B (DP)		
Related Math B #			323292 B (SP)		
# Students who have already taken Related Math may be scheduled instead for Maps A / Maps B ---- 311392 (SP) / 311492 (SP)					
<i>Principles of Architecture (TP)</i> <i>and CAD Technology (Drafting)</i>	11-12	510392 1A	510492 1B	510692 2A*	510792 2B*
<i>Printing, Graphics & Electronic Media (TP)</i>	11-12	511892 1A	511992 1B	512192 2A*	512292 2B*
<i>Academy of Hospitality and Tourism (SP)</i>	11-12	539892 1A	539992 1B		
<i>Hospitality for Academy of Hospitality/Tourism (SP)</i>		540192 1A			
<i>Systems for Academy of Hospitality/Tourism/</i>			540292 1B		
<i>Travel Geography for Academy of Hospitality/Tourism (SP)</i>		540392 1A	540792 1B		
<i>Foundations of Building (TP)</i> <i>and Construction Technologies</i>	10-12	556192 1A	556292 1B		
<i>Carpentry (TP)</i>	10-12	510092 1A	510192 1B	563992 2A	564092 2B
<i>Heating/Air Conditioning (TP)</i>	10-12	512392 1A	512992 1B	512792 2A*	512892 2B*
<i>Masonry (TP)</i>	10-12	556792 1A	556892 1B	556592 2A	556692 2B
<i>Electricity (Construction) (TP)</i>	10-12	510992 1A	511092 1B	559592 2A*	559692 2B*

<u>Course</u>	<u>Grades</u>	<u>First Year</u>		<u>Second Year</u>	
<i>Plumbing (TP)</i>	10-12	560792 1A	560892 1B	560592 2A	560692 2B
<i>Medical Careers (DP)</i>	11-12	583392 1A	583492 1B		
<i>Science (SP)</i>		399592 1A	399692 1B		
<i>Nail Technology (TP)</i>	11-12	567192 1A	567292 1B		
<i>Network Operations (TP)</i>	11-12	420292 1A*	420392 1B*		
<i>Professional Restaurant Mgmt. (TP)</i>	11-12	483492 1A	483592 1B	483792 2A	483892 2B
Web Technology & Digital Media	11-12				
Web Site Development (SP)		299192 1A*	299292 1B*		
Advanced Web Tools and Digital Media (SP)		293692 1A*	293792 1B*		
Information Technology Guided Research (SP)		280092 1A	280192 1B		

*** As of 3/7/07

Program Specific OJT / Internship Codes

Single Period, .5 credits, repeatable (unlimited)

Architecture & CAD Technology	570792
Auto Body	570292
Auto Technology	570392
Carpentry	570592
Electricity	570892
Printing, Graphics, & Electronic Media	571792
Heating, Ventilation, & A/C	571192
Masonry	571492
Nail Technology	571592
Network Operations	418792
Plumbing	571692
Prof Rest Mgmt	482092

Double Period, 1.0 credit, repeatable (unlimited)

Foundations of Automotive Technology	570192
---	--------

Internships/Guided Research

Biotechnology Guided Research (SP) (repeatable)	387592 1A	387692 1B
Academy of Hospitality/Tourism Internship (DP)		540492
Medical Careers Internship (SP) (unlimited repeats)	541592 1A	541792 1B
Web Technology – 2nd Year Internship (TP)	782292 1A	782392 1B
Network Operations Guided Research (SP) (unlimited repeats)		418892

EDISON SSL HOURS 09-10

Automatic w/ Passing Grade

15 per semester

Auto Technology
Foundations of Auto Tech (ASAP)
Auto Body
Carpentry
Electricity
HVAC
Plumbing
Masonry
Network Operations
Restaurant Management
Hospitality and Tourism – Hotel/Travel

10 per semester

Medical Careers

Other - Automatic

Cosmetology – 70 SSL total for 3 years broken down as follows:

Year 1 - 15 for S1 and 10 for S2, Year 2 – 10 for S1 and 10 for S2, Year 3 – 15 for S1 and 10 for S2

PLEASE NOTE: Students in Foundations of Building and Construction, Nails, Web Design, Drafting, Graphics, Biotechnology, and OJT / Internship will NOT receive automatic SSL hours. Students are responsible to complete

MCPS Form 560-51 “MCPS Student Service Learning Verification Form” and submit it to their Edison teacher. Once completed by their Edison teacher, students are responsible to submit MCPS Form 560-51 to their home school service learning coordinator.

*** As of 3/7/07