

# THOMAS EDISON HIGH SCHOOL OF TECHNOLOGY

## Program Offerings \*\*\*

**2010-2011**

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 Interior Design course is currently an elective). As a general rule, we do not enroll Grade 9 students. Grade 11 and 12 students have program placement priority, except Cosmetology. Students must begin the Cosmetology course as a 10<sup>th</sup> grader. In most other 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>	
<b>Foundations of Automotive Technologies (TP)</b>	10-12	504592 1A	504692 1B		
<b>Auto Body Repair Technology (TP)</b>	10-12	555392 1A	555492 1B	555592 2A	555692 2B
<b>Automotive Technology (TP)</b>	10-12	506192 1A	506292 1B	506792 2A*	506892 2B*
<b>Biotechnology w/ Science credit &amp; Adv Level (DP)</b>	11-12	386792 1A	386892 1B	386992 A (SP)	386992 B (SP)
<b>Special Topics in Biotechnology w/ Adv Level (SP)</b>		387192 1A	387292 1B	<i>(Biotech internship required for pc)**</i>	
<b>Cosmetology (3 year program)</b>	10-12	558392 1A (TP)	558492 1B (DP)	564392 2A (DP)	564492 2B (DP)
<b>Related Math A #</b>			323192 A (SP)		
<b>Applied Science</b>				361592 2A (SP)	361692 2B (SP)
<b>Related Math B #</b>	<b>Third Year</b>	558792 3A (TP)	558892 3B (DP)		
# Students who have already taken Related Math may be scheduled instead for Maps A / Maps B		----		311392 (SP) / 311492 (SP)	
<b>Principles of Architecture (TP) and CAD Technology (Drafting)</b>	11-12	510392 1A	510492 1B	510692 2A*	510792 2B*
<b>Print Technologies &amp; Digital Graphics (TP)</b>	11-12	511892 1A	511992 1B	512192 2A*	512292 2B*
<b>Academy of Hospitality and Tourism (SP)</b>	11-12	539892 1A	539992 1B	572092 1A	572092 1B (SP)
<b>Hospitality for Academy of Hospitality/Tourism (SP)</b>		540192 1A		<i>(AOHT internship required for pc)**</i>	
<b>Systems for Academy of Hospitality/Tourism/</b>			540292 1B		
<b>Travel Geography for Academy of Hospitality/Tourism (SP)</b>		540392 1A	540792 1B		
<b>Foundations of Building (TP) and Construction Technologies</b>	10-12	556192 1A	556292 1B		
<b>Carpentry (TP)</b>	10-12	510092 1A	510192 1B	563992 2A	564092 2B
<b>Heating/Air Conditioning (TP)</b>	10-12	512392 1A	512992 1B	512792 2A*	512892 2B*
<b>Masonry (TP)</b>	10-12	556792 1A	556892 1B	556592 2A	556692 2B
<b>Electricity (Construction) (TP)</b>	10-12	510992 1A	511092 1B	559592 2A*	559692 2B*
<b>Plumbing (TP)</b>	10-12	560792 1A	560892 1B	560592 2A	560692 2B
<b>Medical Careers (DP)</b>	11-12	583392 1A	583492 1B	541592 1A	541592 (SP) 1B
<b>Science (SP)</b>		399592 1A	399692 1B	<i>(Medical internship req'd for pc)**</i>	
<b>Nail Technology (TP)</b>	11-12	567192 1A	567292 1B		
<b>Network Operations (TP)</b>	11-12	420292 1A*	420392 1B*		
<b>Professional Restaurant Mgmt. (TP)</b>	11-12	483492 1A	483592 1B	483792 2A	483892 2B
<b>Interior Design (TP)</b>	10-12	478592	464592	281492	281592
		478692	464692	481192	481292
		539492	539592	480592	480692

**\*\*Students in Biotechnology or Medical Careers who aren't interested in the required 1.0 internship can pursue 1.0 credit AP Bio or AP Chem at their homeschool to complete the requirements for a program completer. \*\***

\*\*\* As of 11/9/09

## 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	
Graphics Art Media	571792	
Heating, Ventilation, & A/C	571192	
Masonry	571492	
Nail Technology	481692	
Network Operations	418792	
Plumbing	571692	
Prof Rest Mgmt	781392 (1A)	7816 92 (1B)
Academy of Hospitality (NAF Intern)	572092 (1A & 1B)	
Medical Careers Internship	541592 (1A & 1B)	

### **Double Period, 1.0 credit, repeatable (unlimited)**

Foundations of Automotive Technology	570192 (1A & 1B)	
Prof. Rest. Mgmt. Internship (DP)	781892 (1A)	781992 (1B)

### **Triple Period, 1.5 credit repeatable (unlimited)**

Prof. Rest. Mgmt. Internship (TP)	782292 (1A)	782392 (1B)
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### **Guided Research, .5 credits,**

Biotech Guided Research (SP) no repeats for credit	387592 (1A)	387692 (1B)
Network Operations Guided Research (SP)	418892	

## EDISON SSL HOURS 09-10

*Automatic w/ Passing Grade*

### **15 per semester**

Auto Technology  
Foundations of Auto Tech (ASAP)  
Auto Body  
Carpentry  
Electricity  
Graphics  
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

Interior Design – 10 SSL in first semester only

**PLEASE NOTE:** Students in Foundations of Building and Construction, Nails, Architecture/Drafting, 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 6/18/09