

*L4 elective courses list*

	<i>Microelectronics</i>	
Elec4601	Digital and Embedded Systems	Pre-requ
Elec4602	Microelectronics Design and Technology	Pre-requ
Elec4603	Solid-State Electronics	Pre-requ
Elec4604	RF Electronics	Pre-requ
	<i>Energy Systems</i>	
Elec4611	Power System Equipment	Pre-requ
Elec4612	Power System Analysis	Pre-requ
Elec4613	Electrical Drive Systems	Pre-requ
Elec4614	Power Electronics	Pre-requ
Elec4617	Power System Protection	Pre-requ
	<i>Signal Processing</i>	
Elec4621	Advanced Digital Signal Processing	Pre-requ
Elec4622	Multimedia Signal Processing	Pre-requ
Elec4623	Biomedical Instrumentation, Measurement and Design	Pre-requ



However, Town Cinema is the cheapest, and it has the friendliest service. The most popular clothing store is Jason's. It has the best quality clothing. It's also the cheapest. Funky Fashions is the worst. It has really bad service. As for radio stations, most people think that Jazz 107.9FM is really great. It plays the most interesting music.

根据短文内容完成下列表格。

The best places	Names	Reasons
Movie theater	Screen City	It has <u>11</u> .
Clothing store	<u>12</u>	<u>13</u>
Radio station	<u>14</u>	<u>15</u>

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

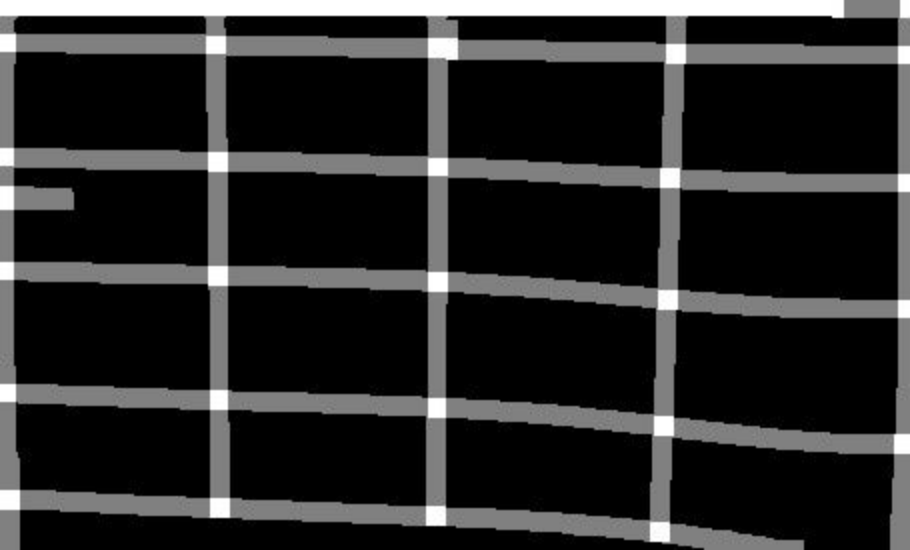


TABLE 2.1 Sample PLP purposes by stakeholder type

For students	For teachers	For families	For invested others
help students explore their identities in a safe and respectful place	learn more about students	provide a broader representation of what their children can do	discover common ground for collaboration with students
ensure students feel known as individuals	manage idiosyncratic learning pathways	help families stay connected to their young adolescent	cultivate a rich and common vision for learning within the community
provide students with a mechanism to know one another better	assess student growth more meaningfully	address parents'/ guardians' concerns or anxieties about their child's schooling and future	value the expertise within the community
allow students more control over their learning	collaborate with colleagues more effectively to address student needs	provide documentation for use during transitions from school to school	expand notions of where learning happens
<b>For all stakeholders</b> see early adolescent development through an appreciative lens			

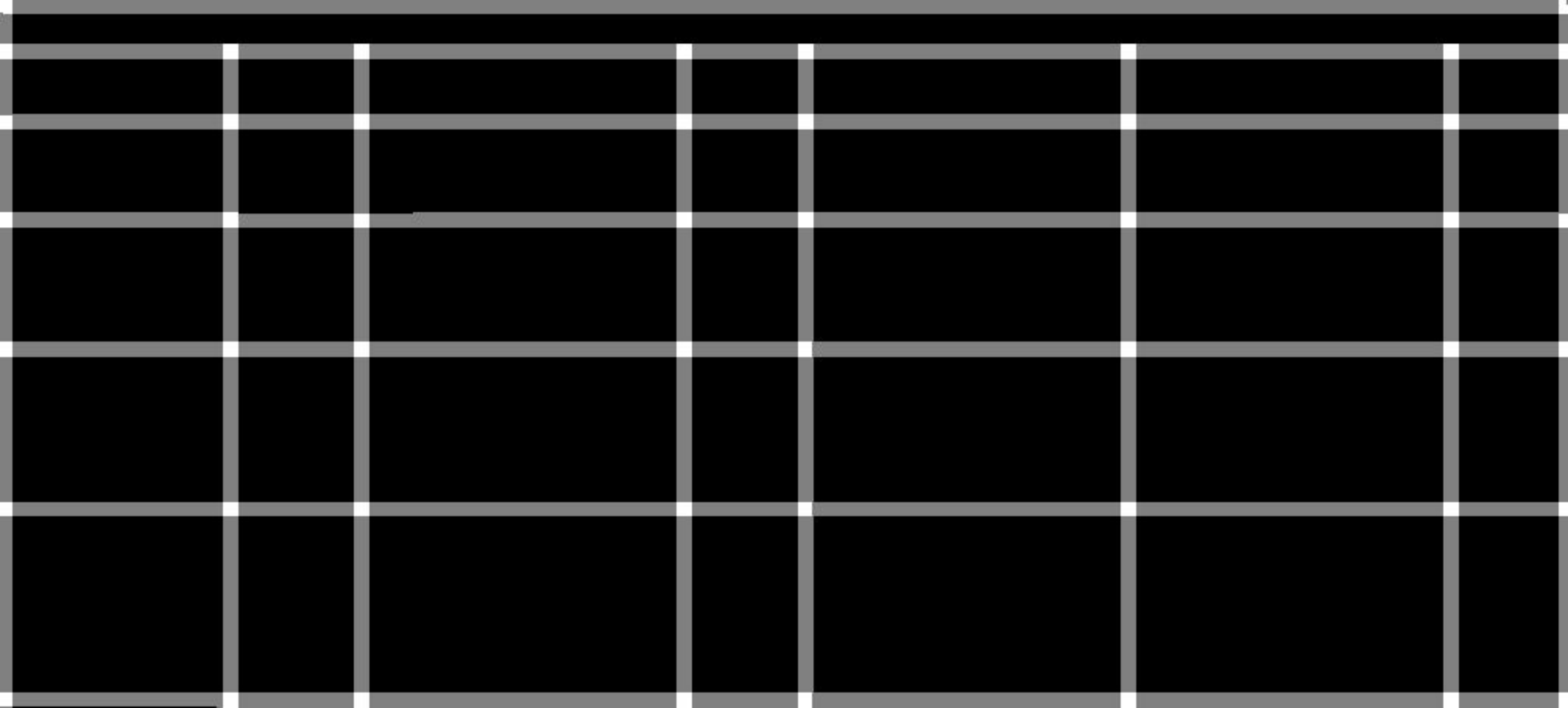


7. 书面表达。(共 15 分)

根据下面表格中所提供的内容, 用英文叙述 Ann 的下周安排, 字数不少于 80 词。

Sunday	go to her uncle's home
Monday	finish her science report
Tuesday	go to see the dentist
Wednesday	have a piano lesson from 18:00 to 20:00
Thursday	study for a maths test
Friday	go to the movies with Lily in the evening
Saturday	play tennis with her friends





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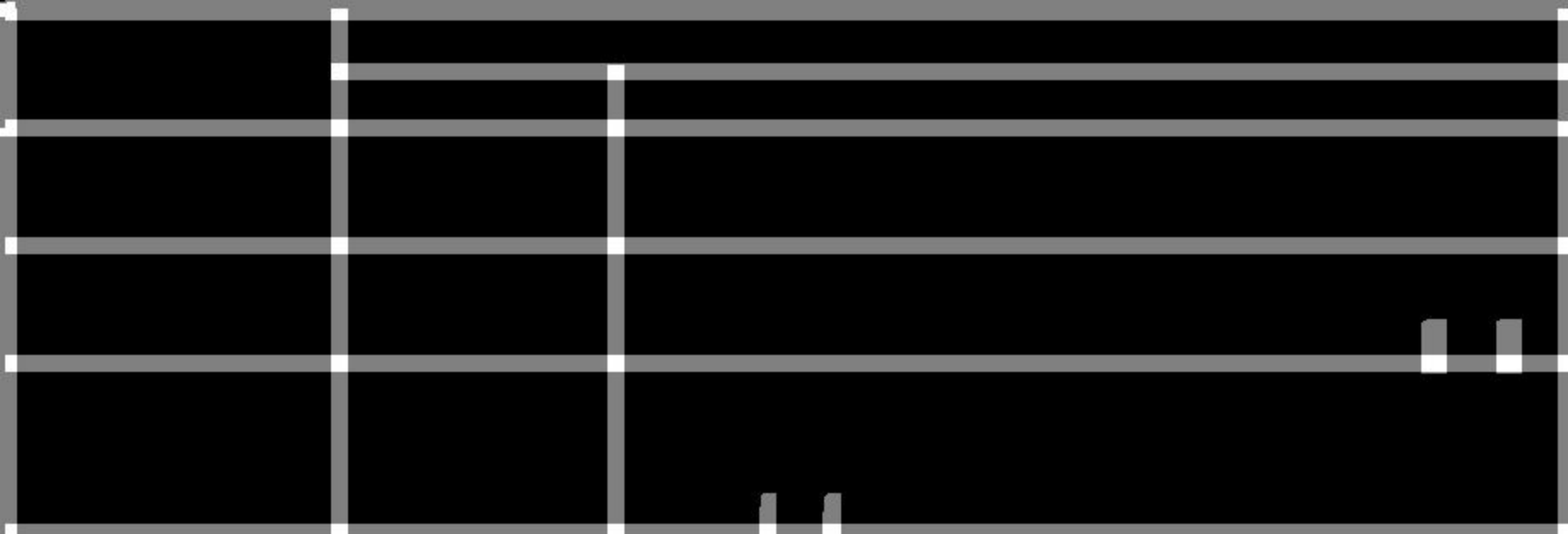
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Problem description	Flight phase	Consequence, effect	Classif.	Mitigator measure	Defense	Probab.
Actuator A1 Fail	Taxi	Wing gets stuck, high chances of canceling flight	E	Actuator divided in more sections	NA	NA
Actuator A1 Fail	Take-off	Wing gets stuck, take-off becomes dangerous because there may be a possible disequilibrium	C	Divide the actuator in several pieces	Very experimented pilot to control the situation	$10^{-5}$
Actuator A1 Fail	Cruise	Wing gets stuck, disequilibrium plus chances of stall	D	Divide the actuator in several parts	Find the equilibrium with the help of the engines power plus double hydraulic system in the actuators	$10^{-5}$
Actuator A1 Fail	Landing	Wing gets stuck, we could easily find a missed-approach situation where we could get unaligned with the runway	C	Several actuators so lower chances of losing full control	NA	$10^{-5}$

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Category	Tool	
	Command	Description
Editor	<code>emacs</code>	Emacs extensible text editor
	<code>vi</code>	Visual editor
Scripting	<code>bash</code>	GNU Bourne-Again SHell
	<code>perl</code>	Practical Extraction and Report Language
Document Management	<code>rcs</code>	Revision Control System
	<code>L<sup>A</sup>T<sub>E</sub>X</code>	Document Typesetting Package
	<code>make</code>	Managing Project Utility

Table 1: Some Unix Utilities

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## Top 10 Semiconductor Companies

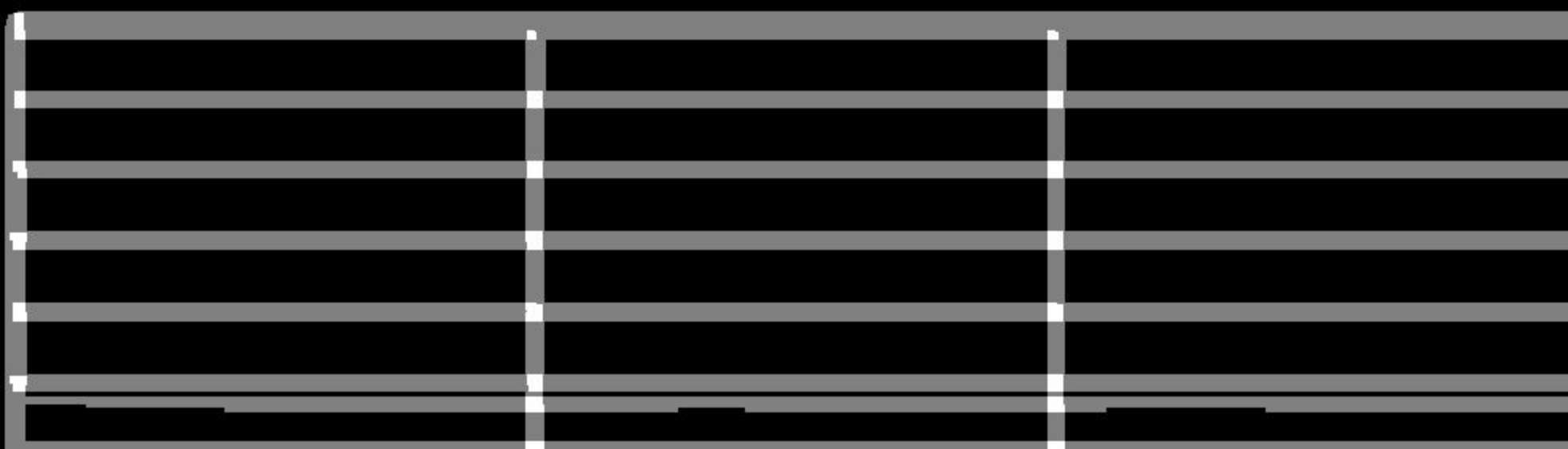
### 2017 Top 10 Semiconductor Sales Leaders(\$M)

2017 Rank	2016 Rank	Company	Headquarters	2016 Tot Semi	2017 Tot Semi	2017/2016 % Change
1	2	Samsung	Souh Korea	44,289	65,610	48%
2	1	Intel	U.S.	57,027	61,048	7%
3	3	TSMC(1)	Taiwan	29,488	32,163	9%
4	6	SK Hynix	Souh Korea	14,888	26,184	76%
5	7	Micron	U.S.	13,538	23,403	73%
6	5	Broadcom	Singapore	15,221	17,655	16%
7	4	Qualcomm	U.S.	15,414	17,078	11%
8	8	TI	U.S.	12,502	13,868	11%
9	9	Toshiba	Japan	10,936	13,469	23%
10	16	Nvidia(2)	U.S.	6,389	9,228	44%
Top 10 Total				219,692	279,706	27.2%

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Source: Company reports, IC Insights' Strategic Reviews database

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