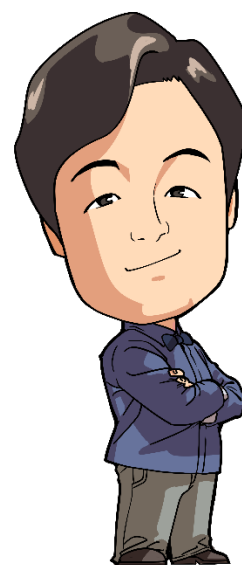


**MS Prep - Physics**  
**2022 Summer Class Schedule**



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**MS PREP**

문의 1800-6291

교과상담:

Physics 010-7129-7116

Math 010-2412-3152



# MS Prep 2022 Summer Class Schedule

## AP Physics 1



1<sup>st</sup> Session (6/14 ~ 7/21: 12 회) 화목 2 PM ~ 5 PM

2<sup>nd</sup> Session (8/1 ~ 8/16: 12 회) 월~금 2 PM ~ 5 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2022 June</b>	12	13	14 PM 2-5 AP Physics 1	15	16 PM 2-5 AP Physics 1	17	18
	19	20	21 PM 2-5 AP Physics 1	22	23 PM 2-5 AP Physics 1	24	25
	26	27	28 PM 2-5 AP Physics 1	29	30 PM 2-5 AP Physics 1	1	2
	3	4	5 PM 2-5 AP Physics 1	6	7 PM 2-5 AP Physics 1	8	9
<b>2022 July</b>	10	11	12 PM 2-5 AP Physics 1	13	14 PM 2-5 AP Physics 1	15	16
	17	18	19 PM 2-5 AP Physics 1	20	21 PM 2-5 AP Physics 1	22	23

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<b>2022 August</b>		1	2	3	4	5	6	
		PM 2-5 AP Physics 1						
	7	8	9	10	11	12	13	
	PM 2-5 AP Physics 1							
	14	15	16	17	18	19	20	
		PM 2-5 AP Physics 1						

## MS Prep 2022 Summer Class Schedule

### 여름방학 수업

Unit 1. Kinematics

Unit 2. Dynamics

Unit 3. Circular Motion and Gravitation

Unit 4. Energy

Unit 5. Momentum

### 겨울방학 수업

Unit 6. Simple Harmonic Motion

Unit 7. Torque and Rotational Motion

### **Prerequisite – Algebra 2**

\* 여름방학 동안 총 7 개의 Unit 들 중, 처음 5 개의 Unit 까지 진도를 나갑니다. 나머지 2 개의 Unit 들은 겨울방학 이후 수업으로 이어집니다.

\* 1<sup>st</sup> Session 과 2<sup>nd</sup> Session 의 수업 모두 동일한 수업입니다.



# MS Prep 2022 Summer Class Schedule

## AP Physics 2



여름방학 수업 (7/4 ~ 7/20 월수금: 8 회) 10 AM ~ 1 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2022 July	3	4 AM10-PM1 AP Physics 2	5	6 AM10-PM1 AP Physics 2	7	8 AM10-PM1 AP Physics 2	9
	10	11 AM10-PM1 AP Physics 2	12	13 AM10-PM1 AP Physics 2	14	15 AM10-PM1 AP Physics 2	16
	17	18 AM10-PM1 AP Physics 2	19	20 AM10-PM1 AP Physics 2	21	22	23

Unit 1. Fluids

Unit 2. Thermodynamics

Unit 3. Electric Force, Field, and Potential

Unit 4. Electric Circuits

Unit 5. Magnetism and Electromagnetic Induction

### 겨울방학 수업

Unit 6. Geometric and Physical Optics

Unit 7. Quantum, Atomic, and Nuclear Physics

### Prerequisite – Algebra 2

\* 여름방학 동안 총 7 개의 Unit 들 중, 처음 5 개의 Unit 까지 진도를 나갑니다. 나머지 2 개의 Unit 들은 겨울방학 이후 수업으로 이어집니다.

## MS Prep 2022 Summer Class Schedule

### AP Physics C Mechanics



1<sup>st</sup> Session (6/13 ~ 7/15: 15 회) 월수금 2 ~ 5 PM

2<sup>nd</sup> Session (8/1 ~ 8/19: 15 회) 월~금 10 AM ~ 1 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2022 June</b>	12	13 PM 2-5 AP C Mech.	14	15 PM 2-5 AP C Mech.	16	17 PM 2-5 AP C Mech.	18
	19	20 PM 2-5 AP C Mech.	21	22 PM 2-5 AP C Mech.	23	24 PM 2-5 AP C Mech.	25
<b>2022 July</b>	26	27 PM 2-5 AP C Mech.	28	29 PM 2-5 AP C Mech.	30	1 PM 2-5 AP C Mech.	2
	3	4 PM 2-5 AP C Mech.	5	6 PM 2-5 AP C Mech.	7	8 PM 2-5 AP C Mech.	9
	10	11 PM 2-5 AP C Mech.	12	13 PM 2-5 AP C Mech.	14	15 PM 2-5 AP C Mech.	16

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<b>2022 August</b>		1	2	3	4	5	6	
		AM10 - PM1 AP Physics C Mechanics						
	7	8	9	10	11	12	13	
	AM10 - PM1 AP Physics C Mechanics							
	14	15	16	17	18	19	20	
	AM10 - PM1 AP Physics C Mechanics							

Unit 1. Kinematics

Unit 3. Work, Energy, and Power

Unit 5. Rotation

Unit 7. Gravitation

Unit 2. Newton's Law of Motion

Unit 4. Systems of Particles and Linear Momentum

Unit 6. Oscillation

Prerequisite – Calculus

## MS Prep 2022 Summer Class Schedule

### F=ma Exam 준비반



여름방학 수업 (8/1 ~ 8/26 월수금: 12 회) 7 PM ~ 9 PM

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
2022 August		1	2	3	4	5	6	
		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		
		7	8	9	10	11	12	13
		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		
		14	15	16	17	18	19	20
		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		
		21	22	23	24	25	26	27
		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		PM 7-9 F=ma Exam		

**Prerequisite – AP C Mechanics**

\* MS Prep 에서 AP C Mechanics 수강했던 학생 대상으로 US Olympiad 를 준비하는 수업입니다.

## MS Prep 2022 Summer Class Schedule

### AP Physics C Electricity and Magnetism

8

여름방학 수업 (6/13 ~ 6/29 월수금: 8 회) 10 AM ~ 1 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2022 June	12	13 AM10-PM1 AP C E&M	14	15 AM10-PM1 AP C E&M	16	17 AM10-PM1 AP C E&M	18
	19	20 AM10-PM1 AP C E&M	21	22 AM10-PM1 AP C E&M	23	24 AM10-PM1 AP C E&M	25
	26	27 AM10-PM1 AP C E&M	28	29 AM10-PM1 AP C E&M	30		

Unit 1. Electrostatics

Unit 2. Conductors, Capacitors, and Dielectrics

Unit 3. Electric Circuits

### 겨울방학 수업

Unit 4. Magnetic Fields

Unit 5. Electromagnetism

Prerequisite – Calculus

\* 여름방학 동안 총 5 개의 Unit 들 중, 처음 3 개의 Unit 까지 진도를 나갑니다. 나머지 2 개의 Unit 은 겨울방학 이후 수업으로 이어집니다.



# MS Prep 2022 Summer Class Schedule

## Regular Physics



여름방학 수업 (6/14 ~ 7/14 화목:10 회) 10 AM ~ 1 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2022 June	12	13	14 AM10-PM1 Reg. Physics	15	16 AM10-PM1 Reg. Physics	17	18
	19	20	21 AM10-PM1 Reg. Physics	22	23 AM10-PM1 Reg. Physics	24	25
2022 July	26	27	28 AM10-PM1 Reg. Physics	29	30 AM10-PM1 Reg. Physics	1	2
	3	4	5 AM10-PM1 Reg. Physics	6	7 AM10-PM1 Reg. Physics	8	9
	10	11	12 AM10-PM1 Reg. Physics	13	14 AM10-PM1 Reg. Physics	15	16

Cover

Unit 1: Kinematics

Unit 2: Dynamics

Unit 3: Circular Motion and Gravitation

Unit 4: Energy

Unit 5: Momentum

Unit 6: Simple Harmonic Motion

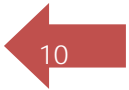
Prerequisite – Algebra 1

\* 9 학년 또는 10 학년 학생들 중 처음 Physics 를 시작하는 학생들에게 추천하는 수업입니다.

\* Physics 에서 가장 기본이며 중요한 Mechanics 에 초점을 두어 10 회 수업을 진행, Physics 를 공부하는데 필요한 사고방법과 개념들을 정리하게 됩니다.

## MS Prep 2022 Summer Class Schedule

### IB Physics Year 1



**여름방학 수업** (6/13~7/1: 9 회) 월수금 7:00 ~ 10:00 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
<b>2022 June</b>	12	13	14	15	16	17	18	
		PM 7-10 IB Physics yr1		PM 7-10 IB Physics yr1		PM 7-10 IB Physics yr1		
	19	PM 7-10 IB Physics yr1	20	21	22	23	24	25
		PM 7-10 IB Physics yr1		PM 7-10 IB Physics yr1		PM 7-10 IB Physics yr1		
	26	PM 7-10 IB Physics yr1	27	28	29	30	1	2
		PM 7-10 IB Physics yr1		PM 7-10 IB Physics yr1		PM 7-10 IB Physics yr1		

Topic 1 – Measurement and Uncertainties

Topic 2 - Mechanics

Topic 3 – Thermal Physics

Topic 6 – Circular Motion and Gravitation

### IB Physics Year 2

**여름방학 수업** (7/4~7/22: 9 회) 월수금 7:00 ~ 10:00 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
<b>2022 July</b>	3	4	5	6	7	8	9	
		PM 7-10 IB Physics yr2		PM 7-10 IB Physics yr2		PM 7-10 IB Physics yr2		
	10	PM 7-10 IB Physics yr2	11	12	13	14	15	16
		PM 7-10 IB Physics yr2		PM 7-10 IB Physics yr2		PM 7-10 IB Physics yr2		
	17	PM 7-10 IB Physics yr2	18	19	20	21	22	23
		PM 7-10 IB Physics yr2		PM 7-10 IB Physics yr2		PM 7-10 IB Physics yr2		

Topic 4 – Wave

Topic 5 – Electricity and Magnetism

Topic 7 – Atomic, Nuclear, and Particle Physics

Topic 8 – Energy Production

\* 이번 여름방학 수업에서는 Standard Level 이나 Higher level 상관없이 공통으로 배우는 Core 수업만 진행됩니다.

\* AHL (Additional Higher Level) 과 IB Physics Option 은 방학 후 학기 중에 개설될 예정입니다.