

**DEPARTMENT OF PHYSICS**  
**SECOND SEMESTER TEACHING TIMETABLE 2012/2013 ACADEMIC YEAR**

**FIRST YEAR: Semester dates: 2 – 2 – 2013 – | Exam| 6 – 5- 2013 to 18 – 5 – 2013 |Supp. Exam| 16 – 9 – 2013 to 28 -9 - 2013 |**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.00 – 9.00	BSC GRP C-LAB CIVIL ENG LAB	SPH 103 LLT	SPH 103 LT KSC		SPH 110 R229 ELEC ENG GRP A-LAB
9.00 – 10.00	BSC GRP C-LAB CIVIL ENG LAB	SPH 103 LLT	SPH 103 LT KSC SPH 114 SW-LAB	SPH 103 MH 1 SPH 103 NCR2 KSC	SPH 110 R229 ELEC ENG GRP A-LAB
10.00 – 11.00	BSC GRP C-LAB CIVIL ENG LAB		SPH 108 R229 SPH 114 SW-LAB	SPH 102 NCR2 KSC SPH 103 MH 1 BSC GRP B-LAB	ELEC ENG GRP A-LAB
11.00 – 12.00	PHY SEMINAR R222	SPH 102 NLT KSC	SPH 108 R229 SPH 114 SW-LAB	BSC GRP B-LAB SPH 102 NCR2 KSC	SPH 102 BLT 1 BSC GRP D-LAB
12.00 – 1.00			SPH 102 AGR LAB	BSC GRP B-LAB	SPH 102 BLT 1 BSC GRP D-LAB
1.0 2.00			SPH 102 AGR LAB		BSC GRP D-LAB
2.00 – 3.00	GRP A LAB (PHYS)-KSC	BSC GRP A-LAB GRP B LAB (PHYS)-KSC	CCS 001 MH I	ELEC ENG GRP B-LAB SPH 114 230A	BSC GRP E-LAB CCS 010 MH I
3.00 – 4.00	SPH 108 R226 GRP A LAB (PHYS)-KSC	BSC GRP A-LAB GRP BLAB (PHYS)-KSC	CCS 001 MH I	ELEC ENG GRP B-LAB SPH 114 230A	BSC GRP E-LAB CCS 010 MH I
4.00 – 5.00	GRP A LAB (PHYS)-KSC SPH 109 R 229	SPH 110 R 229 BSC GRP A-LAB GRP B LAB (PHYS)-KSC		ELEC ENG GRP B-LAB SPH 114 230A	SPH 108 BLT1 BSC GRP E-LAB
5.00 – 6.00	SPH 109 R229	CCS 010 MH I		SPH 109 R229	SPH 103 UH KSC CCS 001 MH I
6.00 - 7.00		CCS 010 MH I			CCS 001 MH I

SPH 102:	Electricity and Magnetism	-	Reg/Parallel/B.Tech./Ind. Chem	-	Mr. B.O. Odumo/Dr. J.B. Awuor
SPH 102:	Electricity and Magnetism	-	B.Ed Sci–KSC	-	Mr. B.O. Odumo/Dr. J.B. Awuor
SPH 103:	Waves and Optics	-	Reg/Parallel/B.Tech./Ind. Chem	-	Dr. S. Mureramanzi/Mr. J.I. Githaiga
SPH 103:	Waves and Optics	-	B.Ed Sci - KSC	-	Dr. S. Mureramanzi/Mr. J.I. Githaiga
SPH 108:	Info System Analysis & Design	-	B.Tech.	-	Dr. F.W. Nyongesa
SPH 109:	Introduction to Operating System	-	B.Tech	-	Mr. O. Mogire (P/T)
SPH 110:	Communication Skills	-	B.Tech.	-	Ms. Julia Kagunda (P/T)
SPH 114:	Computing Laboratory	-	B.Tech/Astro	-	Dr. R.J. Musembi
CSC 126:	Physics for Computing Systems	-	SCI(CHR/KSC)	-	Dr. J. Simiyu
SCI 101:	Elements of Physics I	-	Chemistry	-	Dr. A. Deyahem-Massop
APH 101:	General Physics	-	AGRICULTURE	-	Mr. T. Nyang'onda/Dr.C. Mito
AEM 106:	Environmental Physics	-	LARMAT	-	Mr. T. Nyang'onda/Dr. C. Mito
ENG 000:	Physics 1B	-	ENGINEERING	-	Dr. S. Waita/ Mr. Nyaamba/Dr. Wamalwa

## DEPARTMENT OF PHYSICS

### SECOND SEMESTER TEACHING TIMETABLE 2012/2013 ACADEMIC YEAR

**SECOND YEAR: Semester dates: 2 – 2 – 2013 – | Exam| 6 – 5- 2013 to 18 – 5 – 2013 |Supp. Exam| 16 – 9 – 2013 to 28 -9 - 2013 |**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>8.00 – 9.00</b>	SPA 202 R133 SPH 214 R132	SPH 208 R222		SPH 203 SLT SPH 211 R229	SPH 202 MH1
<b>9.00 – 10.00</b>	SPA 202 R133 SPH 214 R132	SPH 208 R222		SPH 203 SLT SPH 211 R229	SPH 202 MH1 SPH 200 LAB
<b>10.00 – 11.00</b>	SPH 214 R132	SPH 211 R222	SPH 203 LT KSC	SPH 200 LAB	SPH 203 UH KSC SPH 200 LAB
<b>11.00 – 12.00</b>	PHY SEMINAR R 222		SPH 203 LT KSC	SPH 200 LAB	SPH 200 LAB SPH 203 UH KSC
<b>12.00 – 1.00</b>		SPH 202 LLT	SPH 211 R229	SPH 200 LAB	SPA 203 R133
<b>1.00-2.00</b>			SPH 211 R229		
<b>2.00 – 3.00</b>	BSC GRP A-LAB SPH 200 LAB SPH 213 LAB	SPH 200 LAB SPH 214 R132	SPA 203 R133 BSC GRP B-LAB SPH 200 LAB	SPH 208 R222 SPH 200 LAB SPH 203 LAB KSC	SPH 214 LAB
<b>3.00 – 4.00</b>	BSC GRP A-LAB SPH 200 LAB SPH 213 LAB	SPH 200 LAB SPH 214 R132	SPA 203 R133 BSC GRP B-LAB SPH 200 LAB SPH 203 BLT1	SPH 200 LAB SPH 213 LAB SPH 203 LAB KSC	SPH 214 LAB
<b>4.00 – 5.00</b>	BSC GRP A-LAB SPH 200 LAB SPH 213 LAB	SPH 200 LAB SPH 214 R132	BSC GRP B-LAB SPH 200 LAB	SPH 200 LAB SPH 213 LAB SPH 203 LAB KSC	SPH 214 LAB
<b>5.00 – 6.00</b>	SPH 203 BLT2				SPA 202 R133
<b>6.00 – 7.00</b>					

SPA 202:	Introduction to Solar System	-	B.Astro.	-	Dr. J.B. Awuor
SPA 203:	Solar Physics	-	B.Astro	-	Mr. G. Okeng'o/ Dr. N.M. Monyonko
SPH 202:	Electricity and Magnetism II	-	B.Ed (KSC)	-	Mr. G. Okeng'o/ Dr.N.M. Monyonko
SPH 202:	Electricity and Magnetism II	-	All Groups	-	Dr.N.M. Monyonko
SPH 203:	Structure & Prop. of Matter	-	All Groups	-	Dr. D. Wamalwa
SPH 203:	Structure & Prop. of Matter	-	B.Ed (KSC)	-	Mr. J.W. Makokha
SPH 208:	Digital Electronics	-	B.Tech.	-	Dr. K. A. Kaduki
SPH 211:	Industrial Organization & Manage.	-	B.Tech	-	Mr. Mugambi Miriti (P/T)
SPH 213:	Electronics Lab. I	-	B. Tech	-	Mr. A.C.K. Mjomba/Githaiga/Kimari
SPH 214:	Electr. Constr. & Workshop Prac.	-	B.Tech	-	Mr. J.W. Kimari/Mr. A.C.K. Mjomba
SCI 203:	Elements of Physics II	-	CHEMISTRY	-	Dr. A. Ogacho

**DEPARTMENT OF PHYSICS**  
**SECOND SEMESTER TEACHING TIMETABLE 2012/2013 ACADEMIC YEAR**

**THIRD YEAR: Semester dates: 2 – 2 – 2013 – | Exam| 6 – 5- 2013 to 18 – 5 – 2013 |Supp. Exam| 16 – 9 – 2013 to 28 -9 - 2013 |**

<b>TIME</b>	<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
<b>8.00 – 9.00</b>	SPH 331 R133	SPH 312 R222 SPA 303 R133		SPA 303 LAB	SPH 311 R133
<b>9.00 – 10.00</b>	SPH 331 R133	SPH 312 R222 SPA 303 R133	SPH 336 LAB SPH 311 LLT	SPH 336 R226 SPA 303 LAB	SPH 321 R133
<b>10.00 – 11.00</b>	SPH 302 R222	SPH 301- LAB (KSC) SPH 327 R230B SPH 313 R 226	SPH 336 LAB	SPH 336 R226 SPA 303 LAB	SPH 334 R230A SPA 302 R229
<b>11.00 – 12.00</b>	<b>PHY SEMINAR R 222</b>	SPH 301-LAB (KSC) SPH 313 - R226 SPH 327 R230B	SPH 336 LAB SPA 302 R222	SPH 302 R222 SPH 336 R226	SPH 334- R 230A SPA 302 R229
<b>12.00 – 1.00</b>	SPH 319 R230A	SPH 301-LAB (KSC) SPH 313 –R 226	SPH 311 R222 SPH 316 R133	SPH 302 R222	SPH 334– R 230A SPH 303 R222
<b>1.0 – 2.00</b>	SPH 319 R230A		SPH 311 R222 SPH 316 R133	SPH 319 R230A SPH 301- LAB (BSC)	
<b>2.00 – 3.00</b>	SPH 323 R133	SPH 301- LAB (KSC) SPH 334-LAB	SPH 301- LAB (BSC) SPH 334-LAB	SPH 312 R222 SPH 301- LAB (BSC)	SPH 313 R 226
<b>3.00 – 4.00</b>	SPH 303 R229	SPH 301 LAB (KSC) SPH 334-LAB	SPH 301- LAB (BSC) SPH 334-LAB	SPH 304 R222 SPH 301- LAB (BSC)	SPH 313 R226
<b>4.00 – 5.00</b>	SPH 303 R229	SPH 301 LAB (KSC) SPH 334-LAB	SPH 301- LAB (BSC) SPH 334-LAB	SPH 331 R133 SPH 304 R222	SPH 304 R222
<b>5.00 – 6.00</b>	SPH 316 R133	SPH 323 R133	SPH 321 R133		SPH 327 R230B
<b>6.00 – 7.00</b>		SPH 323 R133	SPH 321 R133		SPA 303 R222

SPA 302:	The Evolution of Stars	-	B.Astro	-	Prof. J.O. Malo
SPA 303:	Galaxies and the Universe	-	B.Astro	-	Prof. R.O. Genga
SPA 304:	Physics and Astronomy Practicals	-	B.Astro	-	Dr.J.B. Awuor/ Mr. G. Okeng'o
SPH 301:	Practical Physics I	-	All Groups	-	Thematic Groups
SPH 302:	Thermodynamics	-	B.Sc.	-	Dr. A. Ogacho
SPH 303:	Solid State Physics I	-	Reg/Parallel/B.Tech	-	Dr. S. Waita
SPH 304:	Electrodynamics I	-	B.Sc.	-	Dr. R.J. Musembi
SPH 311:	Introductory Geophysics	-	B.Sc.	-	Mr. S. Achola/ Prof. J.P. Patel
SPH 312:	Digital Electronics	-	B.Sc.	-	Dr. K.A. Kaduki
SPH 313:	Computational Physics	-	B.Sc.	-	Dr. F.W. Nyongesa
SPH 316:	Advanced Electronics	-	B.Tech	-	Z. Dmitry
SPH 319:	Microcomputer Interfacing	-	B.Tech	-	Mr. A.C.K. Mjomba
SPH 321:	Control Systems	-	B.Tech	-	Mr. K.W. Waititu (P/T)
SPH 323:	Informatic Theory	-	B.Tech	-	Mr. E. Ochieng (P/T)
SPH 327:	Radiation Physics	-	B.Tech	-	Dr. H.K. Angeyo
SPH 331:	Analog & Digital Comm. Syst.	-	B.Tech	-	Mr. K.W. Waititu (P/T)
SPH 334:	Electronics Lab II	-	B.Tech	-	Mr. J.W. Kimari / Mr. A.C.K. Mjomba
SPH 336:	Computing Laboratory II	-	B.Tech	-	Mr. A.C.K. Mjomba

## DEPARTMENT OF PHYSICS

### SECOND SEMESTER TEACHING TIMETABLE 2012/2013 ACADEMIC YEAR

**FOURTH YEAR: Semester dates: 2 – 2 – 2013 – | Exam| 6 – 5- 2013 to 18 – 5 – 2013 |Supp. Exam| 16 – 9 – 2013 to 28 -9 - 2013 |**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>8.00 – 9.00</b>	SPH 432 SLT SPH 405 LT KSC SPH 412 R222	SPH 432 230A SPH 417 R133	SPH 409 R133	SPH 435 R133	SPH 402 R133
<b>9.00 – 10.00</b>	SPH 405 LT KSC SPH 412 R222	SPH 432 230A	SPH 409 R133	SPH 431 R133	SPH 415 R229 SPH 405 UH KSC
<b>10.00 – 11.00</b>	SPH 418 R133 SPH 433 R229	SPH 424 LAB SPH 412 R222	SPH 420 LAB SPH 409 NLT KSC	SPH 405 R229	SPH 415 R229
<b>11.00 – 12.00</b>	<b>SEMINAR- R 222</b>	SPH 424 LAB	SPH 420 LAB SPH 402 NLT KSC	SPH 405 R229	
<b>12.00 – 1.00</b>	SPH 405 R229	SPH 424 LAB	SPH 420 LAB SPH 402 BLT2	SPH 402 UH KSC	
<b>1.00 – 2.00</b>	SPH 415 R133		SPH 415 R229	SPH 402 UH KSC	SPH 409 R133
<b>2.00 – 3.00</b>	SPH 415 R133	SPH 425 R222 SPH 418 R133	SPH 419 BLT2 SPH 424 LAB	SPH 418 R229 SPH 433 R133	
<b>3.00 – 4.00</b>	SPH 435 R133	SPH 419 SLT SPH 409 NLT KSC	SPH 419 BLT2 SPH 424 LAB	SPH 418 R229 SPH 433 R133	
<b>4.00 – 5.00</b>	SPH 435 R133	SPH 409 NLT KSC	SPH 428 BLT1 SPH 425 R133 SPH 424 LAB	SPH 402 SLT	SPH 428 R133 SPH 417 R229
<b>5.00 – 6.00</b>		SPH 431 R133	SPH 425 R133	SPH 402 SLT	SPH 428 R133 SPH 417 R229
<b>6.00 – 7.00</b>		SPH 431 R133		SPH 415 R222	

SPA 406:	Astronomy Project	-	B.Astro	-	Dr.J.B. Awuor (Coordinator)
SPH 402:	Nuclear Physics	-	B.Sc.	-	Mr .J.W. Makokha (P/T)
SPH 402:	Nuclear Physics	-	B.Ed (KSC)	-	Ms.R. Wabwile/Dr. H. Angeyo
SPH 405:	Electrodynamics II	-	B.Sc.	-	Prof. J.O. Malo
SPH 405:	Electrodynamics II	-	B.Ed (KSC)	-	Dr. C. Mito
SPH 409:	Quantum Mechanics II	-	B.Sc.	-	Dr. S. Mureramanzi
SPH 409:	Quantum Mechanics II	-	B.Ed KSC	-	Mr. G. Maumba/Dr. S. Mureramanzi
SPH 412:	Plasma Physics	-	B.Sc.	-	Prof. R.O. Genga
SPH 415:	Applied Geophysics	-	B.Sc	-	Prof. J.P. Patel
SPH 417:	Aeronomy	-	B.Sc.	-	Prof. J.P. Patel
SPH 418:	Power Electronics	-	B.Sc.	-	Dr. Z. Dmitry
SPH 419:	Quantum Electronics	-	B.Sc.	-	Dr. Z. Dmitry
SPH 420:	Projects	-	B.Sc.	-	Prof. J.O. Malo (Coordinator)
SPH 424:	Industrial Project	-	B.Tech	-	Mr. A.C.K. Mjomba (Coordinator)
SPH 425:	Image Processing	-	B.Tech	-	Mr. D.L. Omucheni/ Dr. K.A. Kaduki
SPH 428:	Artificial Intelligence	-	B.Tech	-	Mr. D. Owera (P/T)
SPH 431:	Antenna Theory & Radio Propag.	-	B.Tech	-	Dr. A. Niyibizi (P/T)
SPH 432:	Satellite & Mobile Comm. Systems	-	B.Tech	-	Mr. R.N. Gathoni/Mr. A.C.K. Mjomba
SPH 433:	Biomedical Instrumentation	-	B.Tech	-	Mr. J.W. Kimari
SPH 435:	Applied Biophysics	-	B.Tech	-	Mr. J.I. Githaiga/ Dr. S. Mureramanzi

## DEPARTMENT OF PHYSICS

### SECOND SEMESTER TEACHING TIMETABLE 2012/2013 ACADEMIC YEAR

**FIRST YEAR M.Sc.: Semester dates: 2 – 2 – 2013 – | Exam| 6 – 5- 2013 to 18 – 5 – 2013 |Supp. Exam| 16 – 9 – 2013 to 28 -9 - 2013 |**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>8.00 – 9.00</b>	SPH631 R230B	SPH 613 – R230B	SPH 621 – R230B		SPH 615 – R230B
<b>9.00 – 10.00</b>		SPH 613 – R230B	SPH 621 – R230B	SPH 623 R230B	SPH 615 – R230B
<b>10.00 – 11.00</b>		SPH621 R230B	SPH 632 LAB	SPH 618 – R230B	SPH 622 R230B
<b>11.00 – 12.00</b>	<b>SEMINAR R 222</b>	SPH 621 R230B	SPH 632 LAB	SPH 632 R230B	SPH 622 R230B
<b>12.00 – 1.00</b>	SPH 618 R230B	SPH 623 R230B	SPH 632 LAB	SPH 632 R230B	SPH631 R230B
<b>1.00-2.00</b>	SPH 618 R230B	SPH 623 R230B	SPH 625 R230B	SPH 625 R230B	SPH631 R230B
<b>2.00-3.00</b>		SPH 622 R230B		SPH 625 R230B	SPH 629 R230B
<b>3.00-4.00</b>		SPH 629 R230B			SPH 613 – R230B
<b>4.00-5.00</b>	SPH 615 – R230B	SPH 629 R230B			

SPH 613:	Advanced Electronics	-	Dr. A. Niyibizi
SPH 615:	Embedded Systems	-	Mr. A.C.K. Mjomba
SPH 618:	Laser Application	-	Dr. A. Dehayem-Massop
SPH 621:	Radiation Physics	-	Dr. A. Dehayem-Massop
SPH 622:	Radiation Measurement and Spectroscopy	-	Dr. H.K. Angeyo
SPH 623:	Radiation Protection and Dosimetry	-	Mr. M.J. Mangala (P/T)
SPH 625:	Spectro-Physics	-	Dr. H.K. Angeyo
SPH 629:	Rock Magnetism	-	Prof. J.P. Patel
SPH 631:	Remote Sensing Physics	-	Dr. C. Mito
SPH 632:	Advanced Laboratory Techniques	-	Various