

Universidad de las Fuerzas Armadas - ESPE

Carrera de Electrónica y Automatización: Matriz Sangolquí/Sede Latacunga/Presencial

UNIDAD BÁSICA	Primer PAO	EXCTA0301 Calculo diferencial e integral NIVELACION <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>3</td><td>3</td><td>3</td><td>9</td><td>144</td></tr><tr><td>48</td><td>48</td><td>48</td><td>6</td><td>3</td></tr></table>	CD	CPE	CA	HS	HPAO	3	3	3	9	144	48	48	48	6	3	EAC0201 Química I NIVELACION <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>3</td><td>3</td><td>3</td><td>9</td><td>144</td></tr><tr><td>48</td><td>48</td><td>48</td><td>6</td><td>3</td></tr></table>	CD	CPE	CA	HS	HPAO	3	3	3	9	144	48	48	48	6	3	COMPAG01 Fundamentos de programación NIVELACION <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>3</td><td>3</td><td>3</td><td>9</td><td>144</td></tr><tr><td>48</td><td>48</td><td>48</td><td>6</td><td>3</td></tr></table>	CD	CPE	CA	HS	HPAO	3	3	3	9	144	48	48	48	6	3	EXCTA0302 Álgebra lineal NIVELACION <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	CYDA0300 Biología NIVELACION <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	CHUMA0100 Metodología de la investigación NIVELACION <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	SEMESTRE <table><tr><td>720</td><td>Horas</td></tr><tr><td>15</td><td>Créditos</td></tr></table>	720	Horas	15	Créditos
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Octavo PAO	ELEEA0014 Control Inteligente ELEEA0009 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	ELEEA0015 Robótica ELEEA0010 Y ELEEA0012 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>3</td><td>3</td><td>3</td><td>9</td><td>144</td></tr><tr><td>48</td><td>48</td><td>48</td><td>6</td><td>3</td></tr></table>	CD	CPE	CA	HS	HPAO	3	3	3	9	144	48	48	48	6	3	ELEEA0016 Electrónica Médica ELEEA0011 Y ELEEA0002 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>3</td><td>3</td><td>3</td><td>9</td><td>144</td></tr><tr><td>48</td><td>48</td><td>48</td><td>6</td><td>3</td></tr></table>	CD	CPE	CA	HS	HPAO	3	3	3	9	144	48	48	48	6	3	ELEEA0012 Proyectos de Automatización ELEEA0012 Y ELEEA0013 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	ELEEA0018 Domótica ELEEA0010 Y ELEEA0013 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	SEMESTRE <table><tr><td>576</td><td>Horas</td></tr><tr><td>12</td><td>Créditos</td></tr></table>	576	Horas	12	Créditos	Prácticas laborales																
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Noveno PAO	Trabajo de Integración Curricular/ Examen comprensivo MIC – PI Profesionalizante Octavo PAO <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>240</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>5</td></tr></table>	CD	CPE	CA	HS	HPAO	0	0	0	0	240	0	0	0	0	5	ELEEA0019 Sistemas de Ejecución de la Manufactura ELEEA0015 Y ELEEA0017 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	ELEEA0020 Gestión de Proyectos de Automatización EXCTA0103 Y ELEEA0017 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	CADMA0000 Gestion y Emprendimiento SEGA0000 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	SEGA0000 Realidad Nacional y Geopolítica SEGA0000 <table><tr><td>CD</td><td>CPE</td><td>CA</td><td>HS</td><td>HPAO</td></tr><tr><td>2</td><td>2</td><td>2</td><td>6</td><td>96</td></tr><tr><td>32</td><td>32</td><td>32</td><td>4</td><td>2</td></tr></table>	CD	CPE	CA	HS	HPAO	2	2	2	6	96	32	32	32	4	2	SEMESTRE <table><tr><td>624</td><td>Horas</td></tr><tr><td>13</td><td>Créditos</td></tr></table>	624	Horas	13	Créditos	Prácticas laborales																
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Nota: El modelo educativo de la Universidad de las Fuerzas Armadas - ESPE establece que el componente práctico experimental se desarrolla en contacto con el docente, lo que permite cumplir en un 100% lo estipulado en el artículo 71 del Reglamento de Régimen Académico vigente.

	H/S	H/P	CREDITOS
Aprendizaje Contacto Docente	123	1968	43,00
Aprendizaje Práctico Experimental	117	1872	39,00
Aprendizaje Autónomo	129	2064	43,00
Prácticas pre-profesionales	15	240	5,00
Prácticas servicio comunitario	6	96	2,00
NIDAD DE INTEGRACIÓN CURRICULAR	15	240	5,00
TOTAL	405	6480	135

UNIDAD	HORAS	CRÉDITOS
UNIDAD BÁSICA	2160	45
UNIDAD PROFESIONAL	4080	85
NIDAD DE INTEGRACIÓN CURRICULAR	240	5
TOTAL	6480	135

TOTAL CARRERA
6480 Horas
135 Créditos