

**«Computer Engineering (4 Years/240 ECTS, B.Sc.)»**

(offered at Minjiang University, Fuzhou, Fujian, China)

**Curriculum**

<b>General Education Requirements</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Instructor</b>
ENL103	Instruction in Expository Writing	<a href="#">WENG Longfeng</a>
CSE215	Writing for Computer Science & Engineering	<a href="#">Ioannou Anastasia</a>
<b>Science Requirements</b>		
PHY 100	Physics I	<a href="#">TANG Yifeng</a>
PHY 110	Physics II	<a href="#">XIONG Chi</a> <a href="#">TANG Yifeng</a>
<b>Mathematics Requirements</b>		
MAT102	Calculus II	<a href="#">Huang Yunhu</a>
MAT140	Mathematical Foundations for Science and Engineering	<a href="#">Antoniou Antonis</a> <a href="#">Alanelli Maria</a>
MAT150	Calculus I	<a href="#">WU Huiling</a>
MAT160	Linear Algebra	<a href="#">FAN Linyuan</a>
MAT170	Discrete Structures	<a href="#">Ioannou Anastasia</a> <a href="#">Antoniou Antonis</a>
MAT200	Calculus II	<a href="#">WU Huiling</a> <a href="#">Huang Yunhu</a>
MAT210	Differential Equations	<a href="#">Antoniou Antonis</a>
MAT225	Probability & Statistics	Vasilis Raptis
<b>Major Requirements</b>		
CSE100	Programming Principles I – Robotics Lab	<a href="#">WANG Tao</a>
CSE120	Programming Principles II – Robotics Lab	<a href="#">Ioannou Anastasia</a> <a href="#">Antoniou Antonis</a> Vasilis Raptis
CSE200	Data Structures & Algorithms	<a href="#">CAI Yuanzheng</a>
ECE105	Problem-Solving Fundamentals & Measurements	<a href="#">Antoniou Antonis</a> <a href="#">Panagi Georgios</a>

ECE200	Digital Systems I	<a href="#">Ioannou Anastasia</a> <a href="#">Odysseas Koufopavlou</a>
ECE205	Circuits & Electronics I	<a href="#">Antoniou Antonis</a> <a href="#">Odysseas Koufopavlou</a>
ECE210	Computer Organization & Architecture	TBA
ECE220	Circuits & Electronics II & Laboratory	TBA
ECE230	Signals & Systems Theory	<a href="#">Antoniou Antonis</a>
CSE300	Data Communications and Computer Networks	<a href="#">Xu Xiaochun</a>
CSE320	Operating Systems	<a href="#">Antoniou Antonis</a>
CSE405	Information Security	Marios Kynigos
ECE300	Digital Systems II & Laboratory	TBA
ECE305	Advanced Computer Organization and Architecture	Charalambos Adamopoulos
ECE310	Embedded Systems & Laboratory	Charalambos Adamopoulos
ECE400	Computer Engineering Design	TBA
ECE405	Wireless & Mobile Networks	Konstantinos Mantes
ECE495	Senior Design Project	TBA
<b>Major Electives</b> <b>(Students select four (4) of the following courses)</b>		
CSE230	Systems Analysis and Design	TBA
CSE315	Fundamentals of Distributed Systems with Cloud computing	TBA
CSE330	Artificial Intelligence	TBA
ECE361	Network Fundamentals	TBA
ECE362	Routing & Switching	TBA
ECE418	Internship Project	TBA
ECE425	Digital Signal Processing	TBA
ECE430	Parallel & Distributed Computing	TBA
ECE450	Contemporary Topics	TBA
<b>Free Electives</b>		