



## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Introduction to China's Modern and Contemporary History
Module level, if applicable	
Code, if applicable	229105
Subtitle, if applicable	
Semester(s) in which the module is taught	1 <sup>st</sup> semester
Person responsible for the module	Professor YU Kai
Lecturer	Professor YU Kai Associate Professor WU Chao Lecturer ZHANG Ye Lecturer JIANG Chao
Language	Chinese
Relation to curriculum	<p>Introduction to China's Modern and Contemporary History is a general education course about political theories. It is a compulsory course offered by Chinese colleges and universities to teach the basic theories of Marxism and Marxism with Chinese characters. This course gives a picture of China's modern and contemporary history since the mid-19th century to enable students to understand that the Chinese nation and Chinese people were plunged into the darkness of invasion of foreign capitalism and imperialism and their collusion with China's feudal forces; to understand the two historic tasks faced by China in modern times, which are striving for national independence and people's liberation and building China into a stronger and more prosperous country; to understand the arduous exploration and tenacious struggle carried out by Chinese progressives and the masses in order to save the nation from the extinction since modern times and their experience and lessons; to understand the domestic and international environment after the founding of New China and the historical inevitability that the Chinese people</p>



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	<p>embarked on the path of socialism led by the Communist Party of China; and to deeply understand how history and the people have chosen Marxism, the Communist Party of China, and the path of socialism. This course analyzes historical processes, events and figures closed related to modern and contemporary Chinese history, in order to improve students' ability to analyze historical issues and distinguish right from wrong using scientific historical concepts and methodology. This course draws lessons from history to enable students to ponder over the historical and cultural implications of the modernization of the Chinese nation; to allow students to develop new national culture and psychological characteristics; to make students be neither arrogant nor self-belittling while be both confident and open-minded so as to reduce the twists and turns on the way forward and build a prosperous, strong, democratic and civilized country.</p>
Type of teaching, contact hours	<p>Target students: students of Vehicle Engineering (Rail Transit Vehicle) Type of teaching: theoretical and practice teaching Contact hours: 48 hours Of which Theoretical teaching: 32 hours Experiment/practice teaching: 16 hours Size of class: up to 120 students for theoretical teaching</p>
Workload	<p>Total workload = 90 hours Contact hours = 48 hours Self-study hours = 42 hours</p>
Credit points	3.0
Requirements according to the examination regulations	<p>Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.</p>



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Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>This course gives a picture of China's modern and contemporary history since the mid-19th century to enable students to understand that the Chinese nation and Chinese people were plunged into the darkness of invasion of foreign capitalism and imperialism and their collusion with China's feudal forces; to understand the two historic tasks faced by China in modern times, which are striving for national independence and people's liberation and building China into a stronger and more prosperous country.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"><li>1. Modern and contemporary Chinese history and national conditions;</li><li>2. The logic of the overall evolution of modern and contemporary Chinese history;</li><li>3. The significance and value of the "four choices" in modern and contemporary Chinese history.</li></ol> <p><b>Skills:</b></p> <ol style="list-style-type: none"><li>1. The ability to have a correct view of history and to understand modern and contemporary history as a whole; the ability to analyze historical issues and distinguish right from wrong using scientific historical concepts and methodology.</li><li>2. The ability to establish correct values; have the spirit of patriotism and fine qualities regarding history.</li><li>3. A general understanding of the great rejuvenation of the Chinese nation.</li></ol> <p><b>Competence:</b> This course draws lessons from history to enable students to ponder over the historical and cultural implications of the modernization of the Chinese nation; to allow</p>



	<p>students to develop new national culture and psychological characteristics; to make students be neither arrogant nor self-belittling while be both confident and open-minded so as to reduce the twists and turns on the way forward and build a prosperous, strong, democratic and civilized country.</p>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (32 contact hours; 32 self-study hours)</p> <p><b>Chapter I Struggles against Foreign Aggression</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The Opium War marks the beginning of the modern history of China; foreign military aggression, economic plunder, political control and cultural enslavement against China after the Opium War;</li> <li>● The struggles waged by the Chinese people for national independence;</li> <li>● The failure of the Chinese people's struggle against aggression and the awakening of national consciousness.</li> </ul> <p><b>Chapter II Early Explorations of the Country's Way Out</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The early explorations of the way out of the country made by the peasant class, the landlord class ruling group and the bourgeois reformers;</li> <li>● The historical facts, causes of failure and lessons of the Westernization Movement and the Reform Movement of 1898.</li> </ul> <p><b>Chapter III The Revolution of 1911 and the End of Autocratic Monarchy</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The bourgeois revolutionaries headed by Sun Yat-sen led the Revolution of 1911 and founded a bourgeois democratic republic, but the fruits of the democratic revolution were soon usurped by Yuan Shikai;</li> <li>● Struggles against Yuan Shikai led by Sun Yat-sen after the Revolution of 1911.</li> </ul> <p><b>Chapter IV Epoch-Making Events</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The inevitability of the May 4th Movement and its role and significance in the modern history of China; the profound relationship between the May 4th Movement and the Communist Party of China and the Chinese Revolutionary</li> </ul>



	<p>Movement;</p> <ul style="list-style-type: none"><li>• The inevitability of the May 4th Movement and its role and significance in the modern history of China; the profound relationship between the May 4th Movement and the Communist Party of China and the Chinese Revolutionary Movement. The historical inevitability and significance of the establishment of the Communist Party of China; the first cooperation between the Kuomintang and the Communist Party of China and the rise of the National Revolution and the reasons for its failure.</li></ul> <p><b>Chapter V New Path of Chinese Revolution</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• How to establish a dictatorship by the Kuomintang headed by Chiang Kai-shek;</li><li>• The historical significance of the Armed Revolution and Agrarian Revolution led by the Communist Party of China;</li><li>• The spirit of the Communist Party of China in carrying out extremely arduous struggles.</li></ul> <p><b>Chapter VI The Chinese Nation's War of Resistance against Japanese Aggression</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"><li>• The whole process of the great War of Resistance against Japanese Aggression and related major historical events, such as the performance and role of the Kuomintang and the Communist Party of China in the war, and the inhumane barbaric crimes committed by the Japanese army;</li><li>• The great sacrifices made and struggles waged by the Chinese people during the War of Resistance against Japanese Aggression;</li><li>• The reasons for China's victory in the War of Resistance against Japanese Aggression and the far-reaching historical significance of the victory.</li></ul> <p><b>Chapter VII Strive for New China</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"><li>• Reform and opening up are a great new revolution carried out by the Chinese people of all ethnic groups led by the Communist Party of China in the new era. The policy is vital to the fate of contemporary China and to the realization of the two centenary goals and national rejuvenation. There is no end to reform and opening up. Reform and opening up are the self-improvement and development of the socialist system. It is essential to stick to the right direction.</li></ul>
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	<ul style="list-style-type: none"> <li>● The historical inevitability of reform and opening up; raising awareness of deepening reform in every fields.*</li> </ul> <p><b>Chapter VIII Establishment of the Basic Socialist System in China</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The completion of the democratic revolution and the recovery of the national economy;</li> <li>● The nature of the Chinese Society in the early days of the People's Republic of China;</li> <li>● Mao Zedong and the second "Historic Great Change" of China in the 20th Century;</li> <li>● The characteristics of the transition to socialism and historical experience learned from it.**</li> </ul> <p><b>Chapter IX Tortuous Development of Socialism in Explorations</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The efforts and achievements made by the Communist Party of China in exploring the path of the development of socialism in China;**</li> <li>● The mistakes made by the Communist Party of China in economic guidelines over the decade and the twists and turns in correcting "Left" errors;</li> <li>● Achievements and experience in ten years of development.</li> </ul> <p><b>Article X New Era of Reform, Opening up and Modernization</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>● The necessity of putting down disturbances and restoring order ideologically and politically and carrying out economic adjustment and rectification;</li> <li>● Historical achievements of the Third Plenary Session of the Eleventh CPC Central Committee: a great turning point of far-reaching significance in the history of the Communist Party of China since the founding of the People's Republic of China;</li> <li>● Deng Xiaoping and the third "Historic Great Change" of China in the 20th Century;</li> <li>● The basic line in the primary stage of socialism put forward by the Communist Party of China and its significance.**</li> </ul> <p><b>Part B Practice teaching</b> (16 contact hours; 10 self-study hours) <b>Flipping classroom</b></p>
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	<p>(8 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>The lecturer selects relevant practical problems of universal significance, organizes classroom discussions accordingly, and assigns homework to students in advance. Students consult materials, prepare lecture notes, have group discussions, and give presentations on relevant topics in class. The lecturer is mainly responsible for leading, commenting and prompting.</li> </ul> <p><b>Practical case training</b> (8 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>In addition to theoretical (classroom) teaching, the lecturer also designs practice teaching according to the overall framework of Knowledge and Practice Class — an ideological and political theory course and the theme of “modern and contemporary Chinese history and national conditions and the spirit of patriotism”. The lecturer determines the topic of practice and organizes students to carry out historical practice activities in groups. Students write practice reports and communicate with each other in accordance with provisions, so as to strengthen their ability in moral practice and social practice.</li> </ul>
<p>Study and examination requirements and forms of examination</p>	<ol style="list-style-type: none"> <li>Final assessment (50%): take the final exam and answer questions carefully;</li> <li>Attendance (10%): no late arrivals, no early departures, and no unauthorized absences;</li> <li>Assignments (20%): class notes and reading notes, learning experience;</li> <li>In-class performance (20%): classroom participation, discussion and performance in social practice classes (presentations).</li> </ol>
<p>Media employed</p>	<p>Multimedia computers, projectors, laser pointers, blackboards, chalks</p>
<p>Reading list</p>	<ol style="list-style-type: none"> <li>Required books             Compilation Group of <i>Introduction to China's Modern and Contemporary History</i>.  <i>Introduction to China's Modern and Contemporary History</i>. Beijing: Higher Education Press, 2012.</li> <li>Reference books</li> </ol>



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	<p>[1] HU Sheng. <i>From the Opium War to the May 4th Movement</i>, Beijing: People's Publishing House, 1981.</p> <p>[2] Edited by the Party History Research Office of the CPC Central Committee. <i>History of the Communist Party of China Volume I (1921 - 1949)</i>, Beijing: CPC History Publishing House, 2002.</p> <p>[3] Edited by the Party History Research Office of the CPC Central Committee. <i>History of the Communist Party of China Volume II (1949 - 1978)</i>, Beijing: CPC History Publishing House, 2002.</p>
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Competence field	General Courses
Module designation	Social Situation and Policy
Module level, if applicable	
Code, if applicable	
Subtitle, if applicable	
Semester(s) in which the module is taught	Every semester
Person responsible for the module	Associate Professor WU Chao
Lecturer	Associate Professor WU Chao Lecturer ZHANG Jiali Lecturer MEI Wenjing Lecturer DENG Li
Language	Chinese
Relation to curriculum	Social Situation and Policy is a compulsory course about ideological and political theories offered in all colleges and universities. It is delivered to educate students on the social situation and policies. This course plays an irreplaceable role in educating college students on ideology and politics and in guiding them to have a correct understanding of the international and domestic situation and the principles and policies implemented by the Communist Party of China (CPC) and the state.
Type of teaching, contact hours	Target students: students of Vehicle Engineering (Rail Transit Vehicle) Type of teaching: theoretical and practice teaching Contact hours: 32 hours Of which Theory teaching: 24 hours Experiment/practice teaching: 8 hours Size of class: up to 120 students for theoretical teaching
Workload	Total workload = 60 hours Contact hours = 32 hours Self-study hours = 28 hours



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Credit points	2.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b> The objectives of this course are to enable students to understand the international and domestic situation, to have a comprehensive and correct understanding of the situation and tasks facing the CPC and China, and to have a correct understanding of the world situation, national conditions, and the situation of the CPC.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"><li>1. Be familiar with China's basic national conditions, the basic governance strategy of the CPC and the government, and have a correct political view;</li><li>2. Understand the characteristics of the international situation, major world events and China's foreign policy;</li><li>3. Get a clear understanding of the characteristics of the times; strengthen confidence in the path, theory, and system of socialism with Chinese characteristics.</li></ol> <p><b>Skills:</b></p> <ol style="list-style-type: none"><li>1. Be able to observe and analyze the situation and understand and implement policies with Marxist positions, viewpoints and methods;</li><li>2. Get a clear understanding of the characteristics of the times, identify responsibilities and obligations, and strengthen confidence in the path, theory, and system of socialism with Chinese characteristics;</li><li>3. Be able to correctly understand the basic line, major principles and policies of the</li></ol>



	<p>CPC, enhance the sense of responsibility and mission in patriotism, and enhance the awareness of patriotism and socialism.</p> <p><b>Competence:</b> Students master the basic theoretical knowledge of this course and analytical methods; students can use the knowledge and methods to analyze practical problems and guide their own behavior.</p>
<p>Contents</p>	<p><b>Part A Theory teaching</b> (24 contact hours; 24 self-study hours)</p> <p><b>Unit I Guiding Principles of Important CPC and National Meetings</b> (6 contact hours; 6 self-study hours) The formulation and latest trend of major principles and policies of the CPC and the government at the present stage</p> <p><b>Unit II Major National Events and Commemorative Activities</b> (6 contact hours; 6 self-study hours) The great significance of the anniversary of major historical events; hot spots and focus issues in contemporary society.</p> <p><b>Unit III Domestic Economic and Social Situation and Policies</b> (6 contact hours; 6 self-study hours) The basic information of major events of the current year; the background and basic information of major principles and policies of the CPC and the state; the objective forecast for economic and social trends in the next year, etc.</p> <p><b>Unit IV International Political Situation and Diplomatic Strategies</b> (6 contact hours; 6 self-study hours) International situation; international relations and development trends; China's foreign policy; major world events and the principled position of the Chinese Government.</p> <p><b>Part B Practice teaching</b> (8 contact hours; 4 self-study hours)</p> <p><b>Flipping classroom</b> (4 contact hours; 4 self-study hours) The lecturer selects relevant practical problems, organizes classroom discussions accordingly, and assigns homework to students in advance. Students consult materials, prepare</p>



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	<p>lecture notes, have group discussions, and give presentations on relevant topics in class. The lecturer is mainly responsible for leading, commenting and prompting.</p> <p><b>Other types of teaching methods</b> (4 contact hours; 0 self-study hours)</p> <p>Including classroom teaching, lecture meetings, public lectures, videos on special topics, etc., with the combination of systematic instruction and public lectures on the situation, classroom teaching and extracurricular exchange programs, positive guidance and self-education as well as collective teaching and individual activities.</p>
Study and examination requirements and forms of examination	<ol style="list-style-type: none"><li>1. Attendance (30%): no late arrivals, no early departures, and no unauthorized absences, assignments and reports;</li><li>2. In-class performance (20%): flipping classroom, classroom participation, discussion, and performance in experiments;</li><li>3. Final assessment (50%): final exam.</li></ol>
Media employed	Multimedia computers, projectors, laser pointers, blackboards, chalks
Reading list	<ol style="list-style-type: none"><li>1. Required books</li></ol> <p>[1] <i>People's Daily</i>. Beijing: People's Daily. [2] <i>China Youth Daily</i>. Beijing: China Youth Daily. [3] <i>China Comment</i>. Beijing: China Comment. [4] <i>Outlook</i>. Beijing: Outlook.</p>



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Competence field	General Courses
Module designation	Basic Education of College Students' Entrepreneurship
Module level, if applicable	N/A
Code, if applicable	
Subtitle, if applicable	
Semester(s) in which the module is taught	1 <sup>st</sup> semester
Person responsible for the module	Lecturer DENG Li
Lecturer	Lecturer DENG Li Lecturer ZHANG Jiali Lecturer SHENG Zhiheng
Language	Chinese
Relation to curriculum	Basic Education of College Students' Entrepreneurship is offered to enable students to understand the importance of innovation for promoting the development and progress of human society, master the basic theories, thinking and approaches of entrepreneurship, stimulate their interest and enthusiasm for innovation and entrepreneurship, and improve their sense of social responsibility and entrepreneurial spirit, awareness and capabilities. This course aims to enable students to understand the laws of the entrepreneurial process and common problems in this regard. This course aims to cultivate students' innovative awareness, entrepreneurial spirit as well as resource integration, team building and other skills. It also aims to enable students to leverage entrepreneurial thinking, abide by the code of conduct, and acquire the ability to creatively analyze and solve problems, so as to lay a solid foundation for future studies and innovative and entrepreneurial practices.



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Type of teaching, contact hours	<p>Target students: students of Vehicle Engineering (Rail Transit Vehicle)</p> <p>Type of teaching: theoretical teaching</p> <p>Contact hours: 30 hours</p> <p>Of which</p> <p>Theoretical teaching: 16 hours</p> <p>Self-study hours: 14 hours</p> <p>Size of class: up to 60 students for theoretical teaching</p>
Workload	<p>Total workload = 30 hours</p> <p>Contact hours = 16 hours</p> <p>Self-study hours = 14 hours</p>
Credit points	1.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>The task of this course is to teach students the basic theories of entrepreneurship, so that they master the basics of entrepreneurship and establish a sense of innovation and entrepreneurship. Students should be able to combine professional knowledge with innovation and entrepreneurship capabilities, improve their entrepreneurial abilities, stimulate their interest and enthusiasm for entrepreneurship, and enhance their sense of social responsibility, entrepreneurial spirit and awareness as well as innovative and entrepreneurial capabilities. Students will also have the theoretical foundation and application skills required for innovation and</p>



	<p>entrepreneurship competitions. Specific objectives include:</p> <ul style="list-style-type: none"> <li>● <b>Knowledge:</b> This course introduces the concept of entrepreneurship, the elements and types of entrepreneurship, innovative talents and environment, entrepreneurs and entrepreneurial teams, the relationship between innovation and entrepreneurship, and the business models of entrepreneurship, with a view to helping students establish a sense of innovation and entrepreneurship and increase their interest in entrepreneurship.</li> <li>● <b>Skills:</b> Have a comprehensive understanding of common entrepreneurial models; master common entrepreneurial methods and approaches; understand the basic qualities that entrepreneurs should possess and the basic methods of forming and managing entrepreneurial teams; use the knowledge learned and the concept of team innovation to write a business plan.</li> <li>● <b>Competence:</b> Cultivate students' sense of innovation and entrepreneurship by teaching the basics of entrepreneurship, and improve their innovative abilities in an all-round way; explain the guiding significance of innovation theories to entrepreneurial practices so that students can fully understand entrepreneurial models and successful cases</li> </ul>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (16 contact hours; 14 self-study hours)</p> <p><b>Chapter 1. Basics of Entrepreneurship</b> (1 contact hour, 1 self-study hour)</p> <ul style="list-style-type: none"> <li>● Master the basic theory of entrepreneurship;*</li> <li>● Understand the origin and development of entrepreneurship and the current situation of entrepreneurship in China;*</li> <li>● Understand the characteristics of entrepreneurship and the entrepreneurial process.*</li> </ul> <p><b>Chapter 2. The Relationship between</b></p>



	<p>Entrepreneurship and Innovation (1 contact hour, 2 self-study hours)</p> <ul style="list-style-type: none"><li>• Understand the concept, characteristics, nature, principles and process of innovation;*</li><li>• Understand the relationship between entrepreneurship and innovation;*</li><li>• Master the concept and source of entrepreneurial capabilities and entrepreneurial consciousness and formula;*</li></ul> <p><b>Chapter 3.</b> Entrepreneurial Thinking, Methods and Skills (2 contact hours, 2 self-study hours)</p> <ul style="list-style-type: none"><li>• Understand the concept and characteristics of entrepreneurial thinking and divergent thinking;*</li><li>• Master the basic approaches of innovation and entrepreneurship;*</li><li>• Be familiar with common entrepreneurial skills;*</li></ul> <p><b>Chapter 4.</b> Entrepreneurial Environment and the Cultivation of Entrepreneurial Capabilities (2 contact hours, 2 self-study hours)</p> <ul style="list-style-type: none"><li>• Get an understanding of the policies and regulations regarding college students' entrepreneurship;*</li><li>• Get an understanding of the models of college students' entrepreneurship;***</li><li>• Be familiar with the ways to improve entrepreneurial capabilities;*</li><li>• Understand the fund-raising channels and risks of venture capital; understand models of entrepreneurship suitable for college students.*</li></ul> <p><b>Chapter 5.</b> Implications and Resources of Entrepreneurship (2 contact hours, 2 self-study hours)</p> <ul style="list-style-type: none"><li>• Master the elements and types of entrepreneurship;*</li><li>• Understand the resource requirements in the entrepreneurial process and how to obtain and manage entrepreneurial resources**</li><li>• Master the methods and management</li></ul>
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	<p>skills needed for the acquisition and integration of entrepreneurial resources*</p> <p><b>Chapter 6.</b> Entrepreneurial Spirit and Entrepreneurs (2 contact hour, 1 self-study hour)</p> <ul style="list-style-type: none"><li>• Understand the concepts of entrepreneurship, entrepreneurial spirit and entrepreneurs;**</li><li>• Understand the basic qualities that entrepreneurs should possess and the basic methods of forming and managing entrepreneurial teams.</li></ul> <p><b>Chapter 7.</b> Entrepreneurship Opportunities and Business Models (3 contact hours, 2 self-study hours)</p> <ul style="list-style-type: none"><li>• Be able to identify and evaluate entrepreneurial opportunities;*</li><li>• Be able to understand the content and methods required for entrepreneurial project selection and business model development;*</li><li>• Identify the elements of entrepreneurial opportunities and prevent entrepreneurial risks;</li><li>• Be familiar with the design strategy of business models.*</li></ul> <p><b>Chapter 8.</b> Entrepreneurship Plans and Business Models (3 contact hours, 2 self-study hours)</p> <ul style="list-style-type: none"><li>• Understand the role and basic structure of a business plan*</li><li>• Be familiar with the writing and presentation methods of a business plan*</li><li>• Understand what should be noted in a business plan</li></ul> <p><b>Part B. Experiment teaching</b> (0 contact hours 0 self-study hours)</p>
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Study and examination requirements and forms of examination	<ol style="list-style-type: none"><li>1. Basic requirements for class (no late arrivals, no early departures, and no unauthorized absences) 10%.</li><li>2. Assignments (including homework 30% and big project 70%) 30%.</li><li>3. Final exam 60%.</li></ol>
Media employed	Multimedia computers, projectors, laser pointers, blackboards, chalks
Reading list	<ol style="list-style-type: none"><li>1. Required books [1] LUO Lingling. <i>Creative Thinking Training</i>. Beijing: Capital University of Economics and Business Press, 2015.</li><li>2. Reference books [1] LI Jiahua. <i>Basics of Entrepreneurship</i>. Beijing: Tsinghua University Press, 2017. [2] LIU Jingdong. <i>Basic Course for College Students' Entrepreneurship (science and engineering college edition)</i>. Beijing: Modern Education Press, 2016. [3] ZHANG Rushan, ZHANG Lin. <i>An Analysis of College Students' Entrepreneurship Cases</i>. Nanjing: Nanjing University Press, 2013.</li></ol>



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Competence field	General Courses
Module designation	Military Theories
Module level, if applicable	
Code, if applicable	310109
Subtitle, if applicable	
Semester(s) in which the module is taught	1 <sup>st</sup> semester
Person responsible for the module	Lecturer SHENG Zhiheng
Lecturer	Lecturer SHENG Zhiheng Lecturer DENG Li Lecturer ZHANG Jiali Lecturer MEI Wenjing
Language	Chinese
Relation to curriculum	Military Theories is a compulsory course for undergraduate and junior program students of the university. Guided by the principles of building national defense and the armed forces in Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era, this course is offered to train high-quality young people who are well-prepared to join and defend the socialist cause, so as to ensure that education embraces modernization, the world, and the future, realize the strategic goal of talent training, and strengthen the national defense reserve.
Type of teaching, contact hours	Target students: freshmen of Vehicle Engineering (Rail Transit Vehicle) Type of teaching: theoretical teaching Contact hours: 8 hours Of which Theoretical teaching: 8 hours Size of class: up to 150 students for theoretical teaching
Workload	Total workload = 15 hours Contact hours = 8 hours Self-study hours = 7 hours



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Credit points	0.5
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>Military Theories is a compulsory course for undergraduate and junior program students of the university. Guided by the principles of building national defense and the armed forces in Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era, this course is offered to train high-quality young people who are well-prepared to join and defend the socialist cause, so as to ensure that education embraces modernization, the world, and the future, realize the strategic goal of talent training, and strengthen the national defense reserve.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"><li>1. Understand the history of China's national defense and the current situation and development trend of building national defense; be familiar with the basic content of national defense laws and policies; know the nature, mission and guiding ideology of the Chinese People's Liberation Army; be familiar with the main content of building national defense and national defense mobilization; strengthen the awareness of building national defense in accordance with the law;</li><li>2. Understand the generation and development of military thought; be familiar with the main content, status, function and scientific meaning of China's modern military thought; establish a scientific view of war and methodology;</li><li>3. Understand the status quo, characteristics</li></ol>



	<p>and development trends of the global strategic pattern; get a correct understanding of the current status of China's surrounding security environment and security strategies; enhance the awareness of national security.</p> <p><b>Skills:</b></p> <ol style="list-style-type: none"><li>1. Be able to understand the application scope of high technology in the military sector, the relationship between high technology and new revolution in military affairs, so as to stimulate the enthusiasm of learning science and technology.</li><li>2. Be able to understand the formation and development trend of information-based warfare and its relationship with building national defense; be familiar with the characteristics of information-based warfare; have an international vision.</li><li>3. Strengthen the sense of national defense; improve the ability to understand and analyze the situation; enhance the awareness of science and national security.</li></ol> <p><b>Competence:</b> Upon completion of this course, students will acquire communication and collaboration skills, have team spirit, promote physical and mental health and self-improvement, and have the ideals and convictions to be well-prepared to join the socialist cause with Chinese characteristics.</p>
Contents	<p><b>Part A Theoretical teaching</b> (8 contact hours; 7 self-study hours)</p> <p><b>Chapter I China's National Defense</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"><li>● An overview of national defense: the history of China's national defense**, main enlightenment;</li><li>● Laws and regulations on national defense: the legal system of national defense**, the rights and duties of citizens in national defense;**</li><li>● Building national defense: national defense leadership system, achievements</li></ul>



	<p>in building national defense, goals and policies of building national defense;*</p> <ul style="list-style-type: none"><li>● China's armed forces: Chinese People's Liberation Army, Chinese People's Armed Police Force, Chinese militia.*</li></ul> <p><b>Chapter II Military Thought</b> (2 contact hours; 2 self-study hours)</p> <ul style="list-style-type: none"><li>● An overview of military thought: Formation and development, system and content, main representative works;</li><li>● Mao Zedong's military thought: scientific meaning, main content, historical status and practical significance;**</li><li>● Deng Xiaoping's thought on building the armed forces in the new period: scientific meaning, main content, status and role;**</li><li>● Jiang Zemin's thought on building national defense and the armed forces: main content and guiding role;*</li><li>● Hu Jintao's important exposition on building national defense and the armed forces: main content, status and role;*</li><li>● Xi Jinping's important exposition on building national defense and the armed forces under new circumstances: main content and significance.*</li></ul> <p><b>Chapter III International Strategic Environment</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"><li>● An overview of the international strategic environment: strategies and strategic environment; basic elements of strategy;*</li><li>● International strategic pattern: current situation, characteristics and development trend;**</li><li>● China's surrounding security environment: evolution and status quo, development trend, the approach to national security.**</li></ul> <p><b>Chapter IV Cutting-Edge Military Technology</b> (2 contact hours; 2 self-study hours)</p> <ul style="list-style-type: none"><li>● An overview of cutting-edge military technology: concepts and classifications,</li></ul>
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	<p>development trends, and influence on modern operations;</p> <ul style="list-style-type: none"> <li>• The use of cutting-edge technology in the military sector: guidance technology, stealth and camouflage technology, reconnaissance and surveillance technology, electronic warfare, aerospace technology, automated command technology, nuclear, biological and chemical technology and protection.**</li> </ul> <p><b>Chapter V Information-Based Warfare</b> (2 contact hours; 1 self-study hours)</p> <ul style="list-style-type: none"> <li>• An overview of information-based warfare: meaning, connotations of the new revolution in military affairs;</li> <li>• The basic characteristics of information-based warfare: characteristics and development trends;**</li> <li>• Information-based warfare and building national defense: new national defense concept**, national defense education, and preparation for local war.</li> </ul> <p><b>Part B. Experiment teaching</b> (0 contact hours; 0 self-study hours)</p>
<p>Study and examination requirements and forms of examination</p>	<p>1. Attendance (30%): no late arrivals, no early departures, no unauthorized absences; compliance with class discipline, etc., assignments and reports;</p> <p>2. Final assessment (70%): open-book. Students can bring their own textbooks and notebooks into the examination room. Copies and printouts are not allowed to bring into the examination room.</p>
<p>Media employed</p>	<p>Multimedia computers, projectors, laser pointers, blackboards, chalks</p>
<p>Reading list</p>	<p><b>Required books:</b> XU Yang, YAN Yunlou. <i>A Coursebook of Military Theory</i>. Beijing: China Human Resources and Social Security Publishing Group, 2015.</p> <p><b>Main reference books:</b> [1] LI Xiande. <i>A New Coursebook for Colleges and Universities on Military Theory and Skills</i>. Beijing: National Defense University Press,</p>



## Appendix B - Syllabus - General Courses

	<p>2012.</p> <p>[2] ZHANG Guoqing, XI Jirong. <i>A Coursebook of Military Theory</i>. Shanghai: Tongji University Press, 2010.</p> <p>[3] SUN Peilei, HUANG Tiegang, ZHANG Guoqing. <i>Military Theory and Military Skills</i>. Shanghai: Tongji University Press, 2006.</p>
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## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Ideological, Moral Cultivation and Law Basis
Module level, if applicable	
Code, if applicable	229301
Subtitle, if applicable	
Semester(s) in which the module is taught	2 <sup>nd</sup> semester
Person responsible for the module	Associate Professor MA Ke
Lecturer	Associate Professor MA Ke Associate Professor SUN Xiaoyan Lecturer TANG Xiaojiang Lecturer LI Qi
Language	Chinese
Relation to curriculum	<p>Ideological, Moral Cultivation and Law Basis is one of the ideological and political theory courses offered in Chinese colleges and universities. This course aims to improve the moral quality and legal literacy of students, and enable them to establish a correct outlook on the world, life, values and law and develop a perfect personality, so that they love the socialist motherland, support the leadership of the Communist Party of China, and have the awareness of rule of law, professionalism and professional ethics. Specific objectives and expected outcomes are as follows: enable students to have moral qualities, qualities essential for citizens, strong legal awareness and basic legal knowledge; guide students to establish a correct view of marriage and career and understand the social value of work and life; guide students to develop a sound personality and fine moral character; educate students on core socialist values so that they become excellent modern citizens.</p>



## Appendix B - Syllabus - General Courses

Type of teaching, contact hours	<p>Target students: students of Vehicle Engineering (Rail Transit Vehicle)</p> <p>Type of teaching: theoretical and practice teaching</p> <p>Contact hours: 48 hours</p> <p>Of which</p> <p>Theoretical teaching: 32 hours</p> <p>Experiment/practice teaching: 16 hours</p> <p>Size of class: up to 110 students for theoretical teaching</p>
Workload	<p>Total workload = 90 hours</p> <p>Contact hours = 48 hours</p> <p>Self-study hours = 42 hours</p>
Credit points	3.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>This course aims to improve the moral qualities and legal awareness of students, and enable them to establish a correct outlook on the world, life, values and law and develop a perfect personality, so that they love the socialist motherland, support the leadership of the Communist Party of China, and have the awareness of rule of law, professionalism and professional ethics.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"> <li>1. Fine ideological and moral qualities, qualities essential for citizens, strong legal awareness and legal knowledge;</li> <li>2. A correct view of marriage and career; understanding the social value of work and life;</li> <li>3. A sound personality and fine moral character.</li> </ol> <p><b>Skills:</b></p> <ol style="list-style-type: none"> <li>1. Students can establish a correct view on</li> </ol>



	<p>their university and future life;</p> <ol style="list-style-type: none"> <li>2. Students can improve their personalities and moral qualities, treat society-family-individual relationships dialectically, and establish a scientific outlook on life and correct values;</li> <li>3. Students can establish a rational awareness of the rule of law and correct social cognition and acquire excellent interpersonal communication skills.</li> </ol> <p><b>Competence:</b> Students can improve their moral qualities and legal awareness, establish a correct outlook on the world, life, values and law and develop a perfect personality, love the socialist motherland, support the leadership of the Communist Party of China, and have the awareness of rule of law, professionalism and professional ethics.</p>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (32 contact hours; 32 self-study hours)</p> <p><b>Chapter 1 Cherish University Life Open up New Prospects</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• The nature, significance and learning methods of Ideological, Moral Cultivation and Law Basis;</li> <li>• The nature of the university;</li> <li>• The characteristics and challenges of university life;</li> <li>• The goal of university students to become talents and ways and approaches.</li> </ul> <p><b>Chapter 2 Pursue Lofty Ideals Remain Committed to Sublime Convictions</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• The essence and implications of ideals and convictions;</li> <li>• The significance of ideals and convictions to the growth of university students and the development of a nation;</li> <li>• The ways and approaches of turning ideals into reality in practice.</li> </ul> <p><b>Chapter 3 Inherit the Tradition of Patriotism Carry forward the Chinese Spirit</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• The scientific implications and contemporary significance of</li> </ul>



	<p>patriotism;</p> <ul style="list-style-type: none"><li>• The unity of patriotism, socialism and love for the Communist Party of China;</li><li>• The distinction between cosmopolitanism, nationalism and patriotism in the real world;</li><li>• Be a loyal patriot.</li></ul> <p><b>Chapter 4 Comprehend the True Meaning of Life Create the Value of Life</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• The scientific implications of the outlook on life and the value of life;</li><li>• The standard and evaluation of the value of life;</li><li>• Have a correct view on life and the growth environment and create a valuable life in practice.</li></ul> <p><b>Chapter 5 Learn Moral Theory Lay Emphasis on Moral Practice</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• An overview of moral theory;</li><li>• Socialist morality campaign and socialist market economy;</li><li>• Serving the people is the core of the socialist morality campaign;</li><li>• Collectivism is the principle of the socialist morality campaign;</li><li>• Basic moral standards for Chinese citizens.</li></ul> <p><b>Chapter 6 Understand the Spirit of the Law Uphold the Authority of the Rule of Law</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• The concept of law and its evolution;</li><li>• The basic principles and system established by China's Constitution and the socialist legal system with Chinese characteristics;</li><li>• Establish the consciousness and way of thinking of socialist rule of law; firmly uphold the authority of law.</li></ul> <p><b>Chapter 7 Understand the Spirit of the Law Uphold the Authority of the Rule of Law</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• The concept of law and its evolution;</li><li>• The basic principles and system established by China's Constitution and the socialist legal system with Chinese characteristics;</li><li>• Establish the consciousness and way of thinking of socialist rule of law; firmly uphold the authority of law.</li></ul> <p><b>Chapter 8 Abide by the Norms of Conduct Cultivate Noble Character</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• An overview of morality and law in public life;</li><li>• Morality and law in professional life;</li></ul>
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	<ul style="list-style-type: none"><li>● Morality and law in marriage and family life;</li><li>● Morality and law in the cultivation of personal morality.</li></ul> <p><b>Part B Practice teaching</b> (16 contact hours; 10 self-study hours)</p> <p><b>Flipping classroom</b> (10 (10 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"><li>● After the students have mastered the basic principles of each chapter, the lecturer selects relevant practical problems of universal significance, organizes five classroom discussions accordingly, and assigns homework to students in advance. Students participate voluntarily. Students consult materials, prepare lecture notes, have group discussions, and give presentations on relevant topics in class. The lecturer is mainly responsible for leading, commenting and prompting.</li></ul> <p><b>Practical case training</b> (6 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>● The lecturer designs some practical topics according to the overall framework of Knowledge and Practice Class — an ideological and political theory course and the theme of “cultivation of modern citizens’ morality and legal consciousness” and organizes students to carry out moral and social practice activities in groups. Topics are selected according to the actual situation in each semester. Students are required to write practice reports and communicate with each other in accordance with provisions, so as to strengthen their ability in moral and social practices.</li></ul>
Study and examination requirements and forms of examination	<ol style="list-style-type: none"><li>1. In-class performance (30%): in-class study performance: writing a piece of study notes of 500 Chinese characters for each lecture; flipping classroom; meeting the basic requirements for class (no late arrivals, no early departures, and no unauthorized absences).</li><li>2. Assignments (20%): practice sessions: participating in social and moral practices and writing the practice report.</li><li>3. Final assessment (50%): open-book final</li></ol>



## Appendix B - Syllabus - General Courses

	exam.
Media employed	Multimedia computers, projectors, laser pointers, blackboards, chalks
Reading list	<p>1. Required books</p> <p>[1] LIU Shaoqi. <i>On the Cultivation of Party Members</i>. Beijing: People's Publishing House, 2002.</p> <p>2. Reference books</p> <p>[1] Writing Group. <i>Cultivate and Practice Core Socialist Values</i>. Beijing: People's Publishing House, 1<sup>st</sup> edition, 2014.</p> <p>[2] The full text of the <i>Outline for the Implementation of the Civic Morality Campaign</i>. People's Daily Online, 2013-02-01.</p> <p>[3] Schopenhauer. <i>The Wisdom of Life</i>. Shanghai: Shanghai People's Publishing House, 2008.</p> <p>[4] Fromm. <i>The Art of Loving</i>. Shanghai: Shanghai Translation Publishing House, 2008.</p> <p>[5] FENG Youlan. <i>A Brief History of Chinese Philosophy</i>. Beijing: Peking University Press, 2010.</p> <p>[6] Alexander. <i>The Art of Life</i>. Beijing: Huayi Publishing House, 2008.</p> <p>[7] HONG Yingming, Commentary by HAN Shiyuan. <i>Cai Gen Tan: Tending the Roots of Wisdom (Comment and Analysis)</i>. Beijing: Contemporary World Press, 2008.</p>



## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Introduction to Basic Principles of Marxism
Module level, if applicable	
Code, if applicable	229202
Subtitle, if applicable	
Semester(s) in which the module is taught	3 <sup>rd</sup> semester
Person responsible for the module	Associate Professor YAN Hongjue
Lecturer	Associate Professor YAN Hongjue Associate Professor YANG Juan Lecturer Peng Xingwei Lecturer LIU Mo
Language	Chinese
Relation to curriculum	Introduction to Basic Principles of Marxism is a general education course about political theories offered for all undergraduate students. This course systematically introduces the basic theory of Marxism in three parts: Marxist Philosophy, Marxist Political Economy and Scientific Socialism Theory. Upon completion of this course, students will be able to master the key points of the Marxist theory, gradually establish a Marxist worldview, learn to use the basic principles of Marxism to analyze and size up real-world problems, and improve their theoretical and thinking skills and problem-solving abilities.
Type of teaching, contact hours	Target students: students of Vehicle Engineering (Rail Transit Vehicle) Type of teaching: theoretical and practice teaching Contact hours: 48 hours Of which Theoretical teaching: 32 hours Experiment/practice teaching: 16 hours Size of class: up to 120 students for theoretical teaching



## Appendix B - Syllabus - General Courses

Workload	Total workload = 90 hours Contact hours = 48 hours Self-study hours = 42 hours
Credit points	3.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b> The task of this course is to make students love the socialist motherland, support the leadership of the Communist Party of China, and have the awareness of rule of law, professionalism and professional ethics.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"><li>1. Understand the basic views of the Marxist theory;</li><li>2. Master the Marxist worldview and methodology;</li><li>3. Have a correct outlook on life and values, and lay a solid theoretical foundation for consciously adhering to the basic theory, basic line and basic program of the Communist Party of China.</li></ol> <p><b>Skills:</b></p> <ol style="list-style-type: none"><li>1. Be able to observe and analyze problems with the basic Marxist standpoint and methods;</li><li>2. Be able to analyze and understand real-world problems;</li><li>3. Be able to use the Marxist theory to analyze problems and have excellent ability of rational judgment.</li></ol> <p><b>Competence:</b> Establish a correct outlook on the world, life and values; have a correct understanding of lifelong learning, have the</p>





	<p>ability to continuously learn and adapt to development, have humanistic and social science literacy; enhance the sense of social responsibility and professional ethics.</p>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (32 contact hours; 30 self-study hours)</p> <p><b>Chapter 1 Introduction</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>● The scientific theoretical system, essential characteristics and quality of Marxism;*</li> <li>● The development of Marxism in the contemporary era;</li> <li>● A correct outlook on life, the world and values.</li> </ul> <p><b>Chapter 2 The Material World and Its Development Law</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>● The basic viewpoint of Marxism on the origin of the world;</li> <li>● Practice is the starting point for Marx to establish a new world outlook;*</li> <li>● The basic laws of materialist dialectics.**</li> </ul> <p><b>Chapter 3 Know the World and Transform the World</b> (6 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"> <li>● Active response theory of dialectical materialism epistemology;*</li> <li>● The process of cognition is the unity of perceptual cognition and rational cognition, and is a cyclical process from practice to cognition and then from cognition to practice;*</li> <li>● Practice is the only criterion for testing truth, and truth is the unity of absolute truth and relative truth.*</li> </ul> <p><b>Chapter 4 Human Society and Its Development Law</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>● The content of the two laws of Marxism on social movements*</li> <li>● The content of Marx's viewpoint on the role of the masses in history.*</li> </ul> <p><b>Chapter 5 The Formation and Nature of Capitalism</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>● Labor Theory of Value ---- Theory of Surplus Value ---- Theory of Capital Movement;</li> <li>● Related theories of Marxist political economy;*</li> <li>● The scientific nature of Marx's basic judgment on capitalist society;*</li> <li>● The inevitability for socialism to replace capitalism.</li> </ul> <p><b>Chapter 6 The Historical Development of</b></p>



	<p><b>Capitalism</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"><li>• The development of capitalism from free competition to monopoly and the development trend of monopoly capitalism;**</li><li>• The nature of state monopoly capitalism and economic globalization;</li><li>• The characteristics of the new changes and the essence of contemporary capitalism;*</li><li>• The historical inevitability that capitalism must be replaced by socialism.*</li></ul> <p><b>Chapter 7 Socialist Society and Its Development</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"><li>• The development process of socialism from theory to practice; the basic characteristics of socialism;*</li><li>• The scientific standpoint and method of Marxist classical writers in foreseeing the future society;**</li><li>• The main viewpoints of Marxist classical writers on the basic characteristics of communist society.</li></ul> <p><b>Chapter 8 Communism is the loftiest Social Ideal of Mankind</b> (6 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"><li>• The arduousness and long-term nature of socialist construction in economically and culturally backward countries;</li><li>• The historical necessity and long-term nature of the realization of communism; the lofty ideal of communism, the cause of building socialism with Chinese characteristics.**</li></ul> <p><b>Part B Practice teaching</b> (16 contact hours; 12 self-study hours)</p> <p><b>Classroom discussions</b> (6 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• Each semester, no less than 3 class discussions and keynote speeches are organized, focusing on the social practice experience in Knowledge and Practice Class and hotspot issues. In principle, students should speak out of text. The discussions are organized by students themselves under the guidance of the lecturer. After each discussion, the lecturer comments on students' speeches.</li></ul> <p><b>Reading required books</b> (6 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"><li>• All students should read the required books carefully and write a reading summary for each chapter. The reading summary consists of a chapter summary</li></ul>
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## Appendix B - Syllabus - General Courses

	<p>(500 Chinese characters, before the end of the chapter) + study notes (300 Chinese characters, after the end of the chapter).</p> <p><b>Industry-university cooperation or social practice activities</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>Students are required to write about 1,000 Chinese characters of personal experiences based on industry-university cooperation, phenomena observed during social practice and personal feelings. Students who have not participated in industry-university cooperation can write their own experiences about a phenomenon observed in daily life or their university life. The requirements are the same as those for students participating in industry-university cooperation.</li> </ul>
<p>Study and examination requirements and forms of examination</p>	<ol style="list-style-type: none"> <li>In-class performance (20%): classroom discussion, classroom participation, flipping classroom, etc.;</li> <li>Assignments (30%): homework, self-regulated learning, etc.;</li> <li>Final assessment (50%): final exam.</li> </ol>
<p>Media employed</p>	<p>Multimedia computers, projectors, laser pointers, blackboards, chalks</p>
<p>Reading list</p>	<ol style="list-style-type: none"> <li>Required books <ul style="list-style-type: none"> <li>[1] ZHUANG Yougang. <i>Selected Readings of Marxist Original Works</i> (Second Edition). Suzhou: Soochow University Press, 2014.</li> </ul> </li> <li>Reference books <ul style="list-style-type: none"> <li>[1] Marx and Engels. <i>Selected Works of Marx and Engels</i> (Volumes 1-4). Beijing: People's Publishing House, 1995.</li> <li>[2] Lenin. <i>Selected Works of Lenin</i> (Volumes 1-4), Beijing: People's Publishing House, 1995.</li> <li>[3] GU Hailiang. <i>History of Marxism</i>. Beijing: China Renmin University Press, 2009.</li> <li>[4] David McLellan (USA), translated by LI Zhi. <i>Marxism after Marx</i>. Beijing: China Renmin University Press, 2008.</li> </ul> </li> </ol>



## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Introduction to Mao Zedong Thoughts and the Theoretical System of Socialism with Chinese Characteristics (1)
Module level, if applicable	
Code, if applicable	229102
Subtitle, if applicable	
Semester(s) in which the module is taught	5 <sup>th</sup> semester
Person responsible for the module	Associate Professor LIU Fang
Lecturer	Associate Professor LIU Fang Associate Professor XU Jing Lecturer YANG Xiaohua Lecturer WANG Xin
Language	Chinese
Relation to curriculum	Introduction to Mao Zedong Thoughts and the Theoretical System of Socialism with Chinese Characteristics with Chinese Characteristics gives a picture of the historical process of combining the basic principles of Marxism with the reality of China by the Communist Party of China (CPC) and introduces the two theoretical achievements in adapting Marxism to the Chinese context, in order to enable students to master the basic principles of Mao Zedong Thought, Deng Xiaoping Theory, the Theory of Three Represents, and the Scientific Outlook on Development, and to strengthen their ideals and convictions in following the path of socialism with Chinese characteristics under the leadership of the CPC.



## Appendix B - Syllabus - General Courses

Type of teaching, contact hours	<p>Target students: students of Vehicle Engineering (Rail Transit Vehicle)</p> <p>Type of teaching: theoretical and practice teaching</p> <p>Contact hours: 48 hours</p> <p>Of which</p> <p>Theoretical teaching: 32 hours</p> <p>Experiment/practice teaching: 16 hours</p> <p>Size of class: up to 120 students for theoretical teaching</p>
Workload	<p>Total workload = 90 hours</p> <p>Contact hours = 48 hours</p> <p>Self-study hours = 42 hours</p>
Credit points	3.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>The task of this course is to educate students about Mao Zedong Thought and the theory of socialism with Chinese characteristics, so that they can master Mao Zedong Thought and the basic theories of socialism with Chinese characteristics.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"> <li>1. Understand Mao Zedong Thought;</li> <li>2. Master the basic theories of socialism with Chinese characteristics;</li> <li>3. Deepen the understanding of the path of socialism.</li> </ol> <p><b>Skills:</b></p> <ol style="list-style-type: none"> <li>1. Have correct ideas and foster ideals and convictions;</li> <li>2. Understand the theory of socialism with Chinese characteristics and the path of socialism;</li> <li>3. Be able to identify and analyze the path of building socialism with Chinese</li> </ol>



	<p>characteristics and solve social problems.</p> <p><b>Competence:</b> Students are well-prepared to join the socialist cause with Chinese characteristics with lofty ideals, moral integrity, better education and good sense of discipline, thereby fostering ideals and convictions to follow the path of socialism with Chinese characteristics under the leadership of the CPC.</p>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (32 contact hours; 30 self-study hours)</p> <p><b>Chapter 1 Two Theoretical Achievements in Adapting Marxism to the Chinese Context</b> (3 contact hours; 2 self-study hours)</p> <ul style="list-style-type: none"> <li>● Overview: In modern China, people chose Marxism, which is a historical necessity;*</li> <li>● The scientific system, main content, essence and interrelation of the two theoretical achievements.**</li> </ul> <p><b>Chapter 2 The Theory of the New Democratic Revolution</b> (4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>● The theory of the New Democratic Revolution: The formation, basic content and significance of the theory of the New Democratic Revolution;*</li> <li>● The theory of the New Democratic Revolution is the crystallization of the practical experience of Chinese revolutions, a guide to the victory of Chinese revolutions, and an important theoretical achievement in adapting Marxism to the Chinese context.*</li> <li>● The history of Chinese revolutions; understand the law of development of Chinese revolutions.*</li> </ul> <p><b>Chapter 3 The Theory of Socialist Transformation</b> (3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>● The idea of transformation from new democracy to socialism;*</li> <li>● The general line of the CPC in the transition period and its theoretical basis;*</li> <li>● The path of socialist transformation and historical experience;*</li> <li>● The establishment of the basic socialist system in China, the theoretical basis and its significance.*</li> </ul> <p><b>Chapter 4 Theoretical Achievements in the Preliminary Exploration for the Path of Socialist Construction</b></p>



	<p>(3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>• Important ideological achievements, significance, experience and lessons in the preliminary exploration for the path of socialist construction;*</li> <li>• The CPC’s preliminary exploration for the path of socialist construction, major achievements, and important ideological achievements.*</li> </ul> <p><b>Chapter 5 The Overall Basis of Building Socialism with Chinese Characteristics</b></p> <p>(4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• China's basic national conditions;*</li> <li>• The basic line, basic program, specific principles, policies, and measures adopted by the CPC at the primary stage of socialism.**</li> </ul> <p><b>Chapter 6 The Essence of Socialism and the Overall Task of Building Socialism with Chinese Characteristics</b></p> <p>(4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• The essence of socialism, the fundamental tasks and goals of socialism, the scientific implications of and basic requirements for the Chinese Dream of national rejuvenation;**</li> <li>• Confidence in the path, theory and system of socialism with Chinese characteristics.**</li> </ul> <p><b>Chapter 7 Socialist Reform and Opening-up Theory</b></p> <p>(3 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>• Reform and opening up are a great new revolution carried out by the Chinese people of all ethnic groups led by the Communist Party of China in the new era. The policy is vital to the fate of contemporary China and to the realization of the two centenary goals and national rejuvenation;**</li> <li>• Reform and opening up are the self-improvement and development of the socialist system. It is essential to stick to the right direction;**</li> <li>• The historical inevitability of reform and opening up.**</li> </ul> <p><b>Chapter 8 The Overall Strategy of Building Socialism with Chinese Characteristics</b></p> <p>(4 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• The CPC has determined the overall strategy step by step. From the initial “promoting economic development while raising cultural-ethical standards” to “developing China into a great modern socialist country that is prosperous, strong, democratic and</li> </ul>
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	<p>culturally advanced”, “building China into a great modern socialist country that is prosperous, strong, democratic, culturally advanced and harmonious”, and then to “comprehensively promoting development in economic, political, cultural, social and ecological fields”, the practice of building socialism with Chinese characteristics has been continuously enriched and improved day by day.*</p> <ul style="list-style-type: none"> <li>• The correctness of the path of building socialism with Chinese characteristics.**</li> </ul> <p><b>Chapter 9 The Theory of Achieving China’s Full Reunification</b> (4 contact hours; 3 self-study hours)</p> <ul style="list-style-type: none"> <li>• The formation and development of the concept of "peaceful reunification" and "one country, two systems";**</li> <li>• The basic content and significance of the concept of "peaceful reunification" and "one country, two systems";**</li> <li>• The successful practice of the concept of "one country, two systems" in Hong Kong and Macau;**</li> <li>• The policy towards Taiwan under new circumstances.**</li> </ul> <p><b>Part B Practice teaching</b> (16 contact hours; 10 self-study hours)</p> <p><b>Social practice activities</b> (8 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"> <li>• In addition to theoretical (classroom) teaching, students are also organized to carry out social practice activities. Students are required to form a group of 3-5 people, choose one of the four topics to conduct social research, write a research plan, and submit 3 research notes at the end of the semester.</li> </ul> <p><b>Classroom communication and discussions</b> (8 contact hours; 4 self-study hours)</p> <ul style="list-style-type: none"> <li>• In addition to the course content, four classroom discussions on hotspot issued are organized.</li> </ul>
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## Appendix B - Syllabus - General Courses

Study and examination requirements and forms of examination	<ol style="list-style-type: none"><li>1. In-class performance (20%): attendance, study notes, and classroom participation;</li><li>2. Assignments (30%): assessments and homework;</li><li>3. Final assessment (50%): final assessment.</li></ol>
Media employed	Multimedia computers, projectors, laser pointers, blackboards, chalks
Reading list	<ol style="list-style-type: none"><li>1. Required books [1] MAO Zedong. <i>Selected Works of Mao Zedong</i> (Volumes 1-4). Beijing: People's Publishing House, 1991.</li><li>2. Reference books [1] Theory Bureau of the Publicity Department of the CPC Central Committee. <i>Study Book of Socialism with Chinese Characteristics</i>. Beijing: Learning Press, 2013. [2] XU Zhihong, QIN Xuan. <i>Introduction to Deng Xiaoping Theory and the Theory of Three Represents</i>. Beijing: China Renmin University Press, 2003. [3] Theory Bureau of the Publicity Department of the CPC Central Committee. <i>Six "Whys" — Answers to Several Important Questions</i>. Beijing: Learning Press, 2009. [4] XI Jinping. <i>Unswervingly Follow the Path of Socialism with Chinese Characteristics and Build a Moderately Prosperous Society in All Respects</i>. Beijing: People's Publishing House, 2012.</li></ol>



## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Introduction to Mao Zedong Thoughts and the Theoretical System of Socialism with Chinese Characteristics (2)
Module level, if applicable	
Code, if applicable	229106
Subtitle, if applicable	
Semester(s) in which the module is taught	6 <sup>th</sup> semester
Person responsible for the module	Associate Professor LIU Fang
Lecturer	Associate Professor LIU Fang Associate Professor XU Jing Lecturer YANG Xiaohua Lecturer WANG Xin
Language	Chinese
Relation to curriculum	Introduction to Mao Zedong Thoughts and the Theoretical System of Socialism with Chinese Characteristics is offered to give a picture of the historical process of combining the basic principles of Marxism with the reality of China by the Communist Party of China (CPC) and introduces the two theoretical achievements in adapting Marxism to the Chinese context, in order to enable students to master the basic principles of Mao Zedong Thought, Deng Xiaoping Theory, the Theory of Three Represents, and the Scientific Outlook on Development, and to strengthen their ideals and convictions in following the path of socialism with Chinese characteristics under the leadership of the CPC.
Type of teaching, contact hours	Target students: students of Vehicle Engineering (Rail Transit Vehicle) Type of teaching: theoretical teaching Contact hours: 32 hours Of which Theoretical teaching: 32 hours Size of class: up to 120 students for theoretical teaching



## Appendix B - Syllabus - General Courses

Workload	Total workload = 60 hours Contact hours = 32 hours Self-study hours = 28 hours
Credit points	2.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	N/A
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>The task of this course is to educate students about Mao Zedong Thought and the theory of socialism with Chinese characteristics, so that they can master the basic theories of Mao Zedong Thought and socialism with Chinese characteristics.</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"><li>1. Understand the five-sphere integrated plan (comprehensively promoting development in economic, political, cultural, social and ecological fields) and the four-pronged comprehensive strategy (building a moderately prosperous society in all respects, deepening reform in all areas, advancing law-based governance in all fields, and ensuring full and strict governance over the CPC);</li><li>2. Understand China's efforts in modernizing national defense and the armed forces and major country diplomacy with Chinese characteristics;</li><li>3. Know the Communist Party of China (CPC)'s central role, historic mission and new mission in the great rejuvenation of the Chinese nation, the decisive position of the leadership of the CPC, and the most essential characteristics of socialism with Chinese characteristics.</li></ol> <p><b>Skills:</b></p>



	<ol style="list-style-type: none"> <li>1. The ability to formulate development plans based on the five-sphere integrated plan and the four-pronged comprehensive strategy in the new era;</li> <li>2. The ability to establish short-term and long-term personal goals and ideals in accordance with the overall strategy of the country;</li> <li>3. The ability to be well-prepared to join the socialist cause with Chinese characteristics.</li> </ol> <p><b>Competence:</b> Students are well-prepared to join the socialist cause with Chinese characteristics with lofty ideals, moral integrity, better education and good sense of discipline, thereby fostering ideals and convictions to follow the path of socialism with Chinese characteristics under the leadership of the CPC.</p>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (32 contact hours; 28 self-study hours)</p> <p><b>Chapter 1 Five-Sphere Integrated Plan</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>● The CPC has determined the overall strategy step by step. From the initial “promoting economic development while raising cultural-ethical standards” to “developing China into a great modern socialist country that is prosperous, strong, democratic and culturally advanced”, “building China into a great modern socialist country that is prosperous, strong, democratic, culturally advanced and harmonious”, and then to “comprehensively promoting development in economic, political, cultural, social and ecological fields”, the practice of building socialism with Chinese characteristics has been continuously enriched and improved day by day; **</li> <li>● The correctness of the path of building socialism with Chinese characteristics.**</li> </ul> <p><b>Chapter 2 Four-Pronged Comprehensive Strategy</b> (6 contact hours; 5 self-study hours)</p> <ul style="list-style-type: none"> <li>● Four-pronged comprehensive strategy; *</li> </ul>



	<ul style="list-style-type: none"> <li>● The CPC's overall strategy of governing the country under new circumstances;*</li> <li>● Building a moderately prosperous society in all respects is a strategic goal; *</li> <li>● Deepening reform in every field, advancing law-based governance in all fields, and ensuring full and strict governance over the CPC are strategic measures.*</li> </ul> <p><b>Chapter 3 Fully Advance the Modernization of National Defense and the Military</b> (6 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"> <li>● The Chinese path of building strong armed forces;**</li> <li>● The scientific implications of Xi Jinping's thought on strengthening military capabilities;**</li> <li>● Ensure that efforts to make our country prosperous and efforts to make our military strong go hand in hand.</li> </ul> <p><b>Chapter 4 Major Country Diplomacy with Chinese Characteristics</b> (6 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"> <li>● Four major changes facing the world, which is undergoing major developments, transformation, and adjustment: global multi-polarity, economic globalization, cultural diversity, and IT application; *</li> <li>● Peace and development remain the call of our day; the inevitability that China remains firm in pursuing an independent foreign policy of peace; *</li> <li>● The scientific implications of a new type of international relations, the Belt and Road initiative, and a community with a shared future for mankind.**</li> </ul> <p><b>Chapter 5 Uphold and Strengthen the Leadership of the Communist Party of China</b> (8 contact hours; 6 self-study hours)</p> <ul style="list-style-type: none"> <li>● The Communist Party of China (CPC)'s central role, historic mission and new mission in the great rejuvenation of the Chinese nation; **</li> <li>● The decisive position of the leadership of the CPC; **</li> <li>● The leadership of the CPC is the most essential characteristics of socialism with Chinese characteristics.**</li> </ul> <p><b>Part B Practice teaching</b> (0 contact hours; 0 self-study hours)</p>
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## Appendix B - Syllabus - General Courses

Study and examination requirements and forms of examination	<ol style="list-style-type: none"><li>1. In-class performance (20%): class attendance, etc.;</li><li>2. Assignments (30%): study notes, research reports, etc.;</li><li>3. Final assessment (50%): final assessment</li></ol>
Media employed	Multimedia computers, projector, laser pointers, blackboard, chalks, etc.
Reading list	<ol style="list-style-type: none"><li>1. Required books [1] MAO Zedong. <i>Selected Works of Mao Zedong</i> (Volumes 1-4). Beijing: People's Publishing House, 1991.</li><li>2. Reference books [1] Theory Bureau of the Publicity Department of the CPC Central Committee. <i>Study Book of Socialism with Chinese Characteristics</i>. Beijing: Learning Press, 2013. [2] XU Zhihong, QIN Xuan. <i>Introduction to Deng Xiaoping Theory and the Theory of Three Represents</i>. Beijing: China Renmin University Press, 2003. [3] Theory Bureau of the Publicity Department of the CPC Central Committee. <i>Six "Whys" — Answers to Several Important Questions</i>. Beijing: Learning Press, 2009. [4] XI Jinping. <i>Unswervingly Follow the Path of Socialism with Chinese Characteristics and Build a Moderately Prosperous Society in All Respects</i>. Beijing: People's Publishing House, 2012.</li></ol>



## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Physical Education
Code, if applicable	230100, 230200, 231300, and 231400
Subtitle, if applicable	
Semester(s) in which the module is taught	1st - 4th semesters
Person responsible for the module	Professor: ZHANG Jianxin
Lecturer	Professor: ZHANG Jianxin Associate professor: GE Yaojun Associate professor: CHU Xinyu Associate professor: WANG Yansou
Language	Chinese
Relation to curriculum	Physical Education is a compulsory course offered for all students of the university. The lecturer guides students to do physical exercises. By receiving physical education and doing physical exercises, students will improve physical fitness, health and attainments in sports. This course is an important part of the university's curriculum; the center of sports work; and an indispensable and important component in carrying out quality-oriented education and cultivating well-rounded talents.
Type of teaching, contact hours	Target students: students of Vehicle Engineering (Rail Transit Vehicle) Type of teaching: practical teaching Contact hours: 120 hours Of which Theoretical teaching: 0 hour Experiment/practice teaching: 120 Size of class: up to 30 students for practice teaching
Workload	Workload = 120 hours Contact hours = 60 hours Self-study hours = 60 hours
Credit points	4.0
Requirements according to the examination regulations	Take special physical training, physical fitness and theoretical examinations
Recommended prerequisites	
Module objectives/intended learning outcomes	Module objectives: <ul style="list-style-type: none"> <li>● <b>Knowledge:</b> <ol style="list-style-type: none"> <li>1. The effect and influence of sports on the human body;</li> <li>2. Scientific methods of doing physical exercises;</li> </ol> </li> </ul>



## Appendix B - Syllabus - General Courses

	<p>3. Health care knowledge, self-assessment methods, etc.</p> <ul style="list-style-type: none"> <li>● <b>Skills:</b> <ol style="list-style-type: none"> <li>1. Master the basic methods and skills of two or more fitness exercises;</li> <li>2. Be able to do physical exercises scientifically and improve athletic ability;</li> <li>3. Master the methods of treatment of common sports injuries</li> </ol> </li> <li>● <b>Competences:</b> <p>Actively participate in various sports activities and form conscious exercise habits; establish the consciousness of lifelong sports; be able to prepare a feasible personal exercise plan; have the basic ability of appreciating the sports culture. Have excellent sportsmanship and the spirit of cooperation; be able to correctly handle the relationship between competition and cooperation.</p> </li> </ul>																																																				
Contents	<p><b>Practical teaching:</b></p> <p>Physical Education includes three parts: Theory, Physical Fitness, and Special Physical Training.</p> <table border="1" data-bbox="560 943 1326 1704"> <thead> <tr> <th>No.</th> <th>Training</th> <th>Contact hours</th> <th>self-study hours</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Theory (1), formation</td> <td>5</td> <td>5</td> </tr> <tr> <td>2</td> <td>Aerobics (1), Volleyball (1)</td> <td>5</td> <td>5</td> </tr> <tr> <td>3</td> <td>Aerobics (2), Middle and Long Distance Running (1)</td> <td>5</td> <td>5</td> </tr> <tr> <td>4</td> <td>Aerobics (1), Volleyball (2)</td> <td>5</td> <td>5</td> </tr> <tr> <td>5</td> <td>Aerobics (4), Middle and Long Distance Running (2)</td> <td>5</td> <td>5</td> </tr> <tr> <td>6</td> <td>Badminton (1), Middle and Long Distance Running (3)</td> <td>5</td> <td>5</td> </tr> <tr> <td>7</td> <td>Basketball (1), Middle and Long Distance Running (4)</td> <td>5</td> <td>5</td> </tr> <tr> <td>8</td> <td>Sprint (1), Sit-ups (1)</td> <td>5</td> <td>5</td> </tr> <tr> <td>9</td> <td>Sprint (2), Solid Ball (1)</td> <td>5</td> <td>5</td> </tr> <tr> <td>10</td> <td>Sprint (3), Basketball (2)</td> <td>5</td> <td>5</td> </tr> <tr> <td>11</td> <td>Sit-ups (2), Standing Long Jump</td> <td>5</td> <td>5</td> </tr> <tr> <td>12</td> <td>Basketball (3), Solid Ball (2)</td> <td>5</td> <td>5</td> </tr> </tbody> </table>	No.	Training	Contact hours	self-study hours	1	Theory (1), formation	5	5	2	Aerobics (1), Volleyball (1)	5	5	3	Aerobics (2), Middle and Long Distance Running (1)	5	5	4	Aerobics (1), Volleyball (2)	5	5	5	Aerobics (4), Middle and Long Distance Running (2)	5	5	6	Badminton (1), Middle and Long Distance Running (3)	5	5	7	Basketball (1), Middle and Long Distance Running (4)	5	5	8	Sprint (1), Sit-ups (1)	5	5	9	Sprint (2), Solid Ball (1)	5	5	10	Sprint (3), Basketball (2)	5	5	11	Sit-ups (2), Standing Long Jump	5	5	12	Basketball (3), Solid Ball (2)	5	5
No.	Training	Contact hours	self-study hours																																																		
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3	Aerobics (2), Middle and Long Distance Running (1)	5	5																																																		
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11	Sit-ups (2), Standing Long Jump	5	5																																																		
12	Basketball (3), Solid Ball (2)	5	5																																																		
Study and examination requirements and forms of examination	<p>Usual performance includes sports participation and in-class performance: 10%;</p> <p>Theory examination: 10%;</p> <p>Physical fitness examination: 40%, including sit-ups (female), standing long jump (male), solid ball (male and female), and middle and long distance running (male and female);</p> <p>Special physical training examination: 40%, including basketball (male) and aerobics (female).</p>																																																				





## Appendix B - Syllabus - General Courses

Media employed	Multimedia aided teaching
Reading list	Reading list [1] <i>Basketball Basics</i> . Beijing: Higher Education Press, 2003. [2] Robert Horsch, translated by ZHOU Jin. <i>Table Tennis Teaching</i> . Beijing Sport University Press, 2007.1 [3] YANG Minli. <i>Badminton Teaching and Training</i> . Beijing: Beijing Sport University Press, 2011. [4] SUN Weixing. <i>Modern Tennis Technique Teaching Methods</i> . Beijing: Beijing Sport University, 2007.



## Appendix B - Syllabus - General Courses

Competence field	General Courses
Module designation	Employment Guidance for College Students
Module level, if applicable	
Code, if applicable	310102
Subtitle, if applicable	
Semester(s) in which the module is taught	7 <sup>th</sup> semester
Person responsible for the module	Lecturer SHENG Zhiheng
Lecturer	Lecturer LIU Jingjun Lecturer MEI Wenjing Lecturer SHENG Zhiheng
Language	Chinese
Relation to curriculum	<p>Employment Guidance for College Students is a compulsory course offered for all students. The objectives of this course are to give students of all programs an understanding of careers and themselves, and guide them to plan their careers reasonably. This course, as an important part of the university's quality-oriented education, is delivered to provide students with practical skills and professional guidance. This course enables students to have a preliminary understanding of the future career and career life, and guides them to plan their studies and life reasonably according to their career goals. This course not only highlights the important position of career in personal development, but also lays emphasis on the overall development and life-long development of students. This course aims to allow college students to have professional awareness and correct concept of employment, make personal development plans rationally, and consciously improve their employability and career management ability.</p>



## Appendix B - Syllabus - General Courses

Type of teaching, contact hours	<p>Target students: seniors of Vehicle Engineering (Rail Transit Vehicle)</p> <p>Type of teaching: theoretical teaching</p> <p>Contact hours: 16 hours</p> <p>Of which</p> <p>Theoretical teaching: 16 hours</p> <p>Size of class: up to 150 students for theoretical teaching</p>
Workload	<p>Total workload = 30 hours</p> <p>Contact hours = 16 hours</p> <p>Self-study hours = 14 hours</p>
Credit points	1.0
Requirements according to the examination regulations	Only students with class attendance rate over 2/3 and assignment completion rate over 2/3 are allowed to take the exam.
Recommended prerequisites	
Module objectives/intended learning outcomes	<p><b>Learning outcomes:</b></p> <p>This compulsory course aims to enable students of all programs to have an understanding of careers and themselves, and guide them to plan their careers reasonably. This course aims to allow college students to have a professional awareness and correct concept of employment, make personal development plans rationally, and consciously improve their employability and career management ability. Specific objectives include:</p> <p><b>Knowledge:</b></p> <ol style="list-style-type: none"> <li>1. Understand job classification, positions, professional knowledge and ability requirements; have a positive and correct professional attitude;</li> <li>2. Know interest, character and ability tendency so as to make targeted self-adjustment and receive ability training;</li> </ol>



	<p>3. Establish a sense of professionalism, enhance interest in professions, and realize the importance of career directions.</p> <p><b>Skills:</b></p> <ol style="list-style-type: none"> <li>1. Have interpersonal communication and collaboration skills;</li> <li>2. have team spirit; promote physical and mental health and self-improvement;</li> <li>3. Master the methods and skills needed to establish a good cooperative relationship with classmates, faculty members, superiors and colleagues.</li> </ol> <p><b>Competence:</b> Develop a sound personality and high psychological well-being; have a correct outlook on life, values, ethics and law; have literacy in humanities and a sense of social responsibility. Make correct career decisions and action plans on the basis of scientific and comprehensive analysis of society, career and the self; Design a reasonable and operational plan on professional knowledge and capacity reserve and action; quickly adapt to the change of role from student to professional, enhance employability, and successfully achieve career goals.</p>
<p>Contents</p>	<p><b>Part A Theoretical teaching</b> (16 contact hours; 14 self-study hours)</p> <p><b>Chapter I Overview of Career Planning for College Students</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"> <li>● Academic planning of college students;</li> <li>● Pre-employment preparation of college students</li> </ul> <p><b>Chapter II About Vocations</b> (2 contact hours; 2 self-study hours)</p> <ul style="list-style-type: none"> <li>● The emergence and evolution of vocations;</li> <li>● The concept of vocation;</li> <li>● The significance of vocations;</li> <li>● An introduction to the characteristics of vocations;</li> <li>● An introduction to the functions of vocations;</li> <li>● Factors influencing career development; *</li> </ul>



	<ul style="list-style-type: none"><li>● Classification of vocations and ways of onboarding.</li></ul> <p><b>Chapter III Self-Exploration and Cognition</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"><li>● Theoretical knowledge of values;</li><li>● Maslow's hierarchy of needs, five-tier model;*</li><li>● Diagram of the relationship between values and vocational values;*</li><li>● 16 personality types;*</li></ul> <p><b>Chapter IV Vocational Choice and Decision</b> (2 contact hours; 2 self-study hours) *</p> <ul style="list-style-type: none"><li>● Theories of vocational choice;</li><li>● Basic implications of vocational choice;</li><li>● Factors affecting college students' vocational choice;*</li><li>● Classic theories of vocational choice*:<ol style="list-style-type: none"><li>1) Parsons' Trait and Factor Theory,</li><li>2) Holland's Theory of Vocational Choice,</li><li>3) Schein's Career Anchor Theory,</li><li>4) Vroom's Expectancy Theory of Motivation;</li></ol></li><li>● Other theories of vocational choice;<ol style="list-style-type: none"><li>1) Dawis &amp; Lofquist's Minnesota Theory of Work Adjustment,</li><li>2) Roy's Nursing Theory,</li><li>3) Tiedeman's Career Decision-Making Theory,</li><li>4) Psychodynamic theory of Bordin et al.</li><li>5) Krumboltz's Social Learning Theory,</li><li>6) Gottfredson's Theory of Occupational Aspirations,</li><li>7) Cognitive information processing theory.</li></ol></li></ul> <p><b>Chapter V Career Development and Management</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"><li>● Core concept of career management;</li><li>● Significance of career management;</li><li>● Content of career management;</li><li>● Career cycle management;*</li><li>● Steps and principles of career planning;*</li></ul>
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	<ul style="list-style-type: none"><li>● Career theory;</li></ul> <p><b>Chapter VI Vocational Psychology and Adaptation</b> (1 contact hour; 1 self-study hour) *</p> <ul style="list-style-type: none"><li>● Concept of vocational psychology;</li><li>● Importance of vocational psychology;</li><li>● Implications of vocational psychology;</li><li>● Psychological preparation in the early stage of job hunting;</li><li>● Vocational adaptation in the early stage of employment;</li><li>● Job burnout and mental health.</li></ul> <p><b>Chapter VII Embrace Your Career Journey — Take the First Step</b> (2 contact hours; 1 self-study hour) **</p> <ul style="list-style-type: none"><li>● Preparation for employment;</li><li>● Analysis on the employment situation of college graduates;</li><li>● Regulations on the graduate probation period;</li><li>● Vocation-induced psychological crisis and countermeasures;*</li><li>● Materials that graduates need to prepare in job hunting;</li><li>● Career counseling, employment information and information processing.*</li></ul> <p><b>Chapter VIII Pave the Way forward — Aim at Your Career Goal</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"><li>● Vocational aptitude tests:<ol style="list-style-type: none"><li>1) General Aptitude Test Battery,</li><li>2) Administrative Aptitude Test,</li><li>3) Special Aptitude Test;</li></ol></li><li>● Assessment of vocational interests and hobbies:<ol style="list-style-type: none"><li>1) Strong-Campbell Interest Inventory,</li><li>2) Kuder Occupational Interest Survey,</li><li>3) Holland's Vocational Preference Inventory,</li><li>4) Self-Directed Search;</li></ol></li><li>● Assessment of vocational personality types:<ol style="list-style-type: none"><li>1) Myers-Briggs Types of Personality,</li><li>2) Cattell's 16 Personality Factors Test,*</li><li>3) Edward's Personal Preference Schedule;</li></ol></li></ul>
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	<ul style="list-style-type: none"><li>● Assessment of vocational values:<ol style="list-style-type: none"><li>1) Environmental analysis,</li><li>2) Opportunity assessment,</li><li>3) 3) Vocational choice;</li></ol></li><li>● Target analysis*:<ol style="list-style-type: none"><li>1) Overview of goal-oriented decomposition,</li><li>2) Five methods for determining career goals;</li><li>3) Three steps to determine career goals;</li><li>4) Three key points for determining career goals;</li></ol></li><li>● Strategy selection:<ol style="list-style-type: none"><li>1) Develop your career development roadmap</li><li>2) Implement five strategies to achieve goals</li><li>3) Transform development paths into actions</li></ol></li><li>● Career planning*:<ol style="list-style-type: none"><li>2) Career planning process,</li><li>3) Main content of career planning,</li><li>4) Principles of career planning,</li><li>5) Matters needing attention in career planning,</li><li>5) Sample essays for career planning.</li></ol></li></ul> <p><b>Chapter IX Three Essential Skills — Perfect Preparations for Job-Hunting Success</b> (2 contact hours; 1 self-study hour)</p> <ul style="list-style-type: none"><li>● Content and types of information;</li><li>● Ways and methods of collecting employment information;</li><li>● Basic principles of information screening;</li><li>● Information processing steps, techniques and principles;</li><li>● Job interview etiquette.</li></ul> <p><b>Chapter X Step by Step — Interpretation of Secrets to Success</b> (1 contact hour; 1 self-study hour) *</p> <ul style="list-style-type: none"><li>● Preparing a cover letter;</li><li>● Type of cover letters;</li><li>● Content of a cover letter;</li><li>● Principles of writing a cover letter;*</li><li>● Written examination and interview.</li></ul>
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	<p><b>Chapter XI Master Skills for Success — Adaptation in the Early Stage of Your Career</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"> <li>● Career education;</li> <li>● Career planning.</li> </ul> <p><b>Chapter XII Find a New Path — Self-Help Entrepreneurship Practice</b> (1 contact hour; 1 self-study hour)</p> <ul style="list-style-type: none"> <li>● Essential psychological qualities of entrepreneurs;</li> <li>● Essential knowledge qualities of entrepreneurs;</li> <li>● Essential competencies of entrepreneurs;*</li> <li>● An introduction to the science and technology entrepreneurship parks for college students.</li> </ul> <p><b>Part B Practice teaching</b> (0 contact hours; 0 self-study hours)</p>
<p>Study and examination requirements and forms of examination</p>	<ol style="list-style-type: none"> <li>1. Basic requirements for class (no late arrivals, no early departures, and no unauthorized absences) 60%.</li> <li>2. Assignments (20%).</li> <li>3. Final exam 20%.</li> </ol>
<p>Media employed</p>	<p>Multimedia computers, projectors, laser pointers, blackboards, chalks</p>
<p>Reading list</p>	<p><b>Required books:</b></p> <p>WANG Mingfu, SUN Peilei. <i>Career Planning and Job-Hunting Guidance for College Students</i>. Beijing: Tsinghua University Press. 2012.</p> <p><b>Main reference books:</b></p> <p>[1] YE Zheng. <i>A Course of Career Planning and Employment Guidance for College Students</i>. Beijing: Science Press, 2010.</p> <p>[2] ZHONG Gulai, YANG Kai. <i>Career Development and Planning of College Students</i>. Shanghai: East China Normal University Press, 2008.</p> <p>[3] QIAO Gang. <i>Career Planning and Management of College Students</i>. Shanghai:</p>





## Appendix B - Syllabus - General Courses

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	<p>Fudan University Press, 2008.</p> <p>[4] GOU Chaoli. <i>Towards Success — Career Planning and Employment Guidance for College Students</i>. Beijing: Higher Education Press, 2009.</p>
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