View Syllabus Information

Course Information							
	Year	2021	School	School of Creative Science and Engineering			
	Course Title	Hydraulics B IPSE Course					
	Instructor						
Т	erm/Day/Period	spring semester Wed.3					
	Category	Elective Compulsory Subjects	Eligible Year	2nd year and above	Credits 2		
	Classroom	52-104	Campus	Nishi-Waseda (Former: Okubo)			
	Course Key	27GD032009	Course Class Code	01			
	Main Language	English					
Class Moda	ality Categories	Hybrid (In-person/Online)					
	Course Code	9 CSTX25ZL					
	First Academic disciplines	c S Civil Engineering					
Second Academic disciplines Civil Engineering							
	Third Academic disciplines Hydaulic Engineering						
	Level	Intermediate, developmental and applicative	Types of lesson	Lecture]		

Subtitle Application of Hydodynamics to Class Expression and Expression the Advance The Advances Technology Structure AMDESDON ^C . Course Outline Note: The update year or the Sec Structure Advances and the one Advances and the one of Structure AMDESDON ^C . For Advances and the Sec Structure Advances of Advances and the one of the Advances and the one of Structure AMDESDON ^C . Diversite 10: Year or an advances of the Advances of Advances of the Advances of Advances and the Advances of Advanc	Syllabus Information Latest Update: 2021/02/01					
Caurse Outline Note: The right year for EBSE Structure analyses in different from the above. Phase make a use to check and Students MADEBODNC. The main tracks and the field of phytometry and engineering will be explained The main tracks and put from (i.e., fluore) in derange checking of the analysis and engineering will be explained The main tracks and put franks: the field of phytometry and engineering will be explained The main tracks and put franks: the field of phytometry and engineering will be explained The main tracks and put franks: the field of phytometry and engineering will be explained. The cause of study, Mark the descent points and the main in the devalue of derange and gates. The form of the the descent points and the phytometry of the main and the point of and and and the topoint causality of the main and the phytometry of the phytometry of the main and the phytometry of the main and the phytometry of the physics of the phytometry of the physic		Subtitle	Application of Hydrodynamics to Civil and Environmental Engineering			
Fundamental equations in the field of hydraulic, and its application to oxid and environmental engineering will be explained Objective 1) You can be applied and the endings channel flows (dig norm flow) Objective 1) You can be applied and the endings channel flows (dig norm flow) Objective 1) You can be applied and the endings channel flows (dig norm flow) Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1) You can be applied to physical parts Objective 1 Objective 1 Objective 1 Objective 1 Objective 1 Objective 1 Objective 1 <		Course Outline	lote: The eligible year for EBSE September enrollees is different from the above. Please make sure to check "Students HANDBOOK".			
Objectives 1) Work can explain about may basis the high hydraulics. 'No can explain about may basis the high part of the source of the s			undamental equations in the field of hydraulics, and its application to civil and environmental engineering will be explained The main targets are pipe flows (e.g. flows in drainage channel) and open channel flows (e.g. river flow).			
before/after course of study. After the less, piezes red your own ote again and try to understand the topica/sequations/practice problems explained in the cleas. Course Schudul 1 Series Examine The basic conservation have in hydraulics, and fundamental equations (e.g. Euler equations, Navier-Stokes equations) will be explained. 2 Basic Equations for Pope Flow Turbuleces in Pope Flow Energy Losses in Pope Flow Energy Casts in Pow Energy Casts in Pow Energy Casts in Pow Energy Casts in Pow Energy Casts in Pope Flow Energy Casts in Pow Energy Casts		Objectives) You can explain about major basic technical terms in hydraulics.) You can explain about energy losses in pipe flow.) You can solve application problems of siphon.) You can solve application problems of hydraulic jumps and hydraulic bores in open channel hydraulics.) You can sultatively draw surface profiles of non-uniform flow in the vicinity of dams and gates.			
Course Softedia Course Softedia Cours		before/after course of study	After the class, please read your own note again and try to understand the topics/equations/practice problems explained in the class.			
Sediment Transport in River Summary of this course will also be provided. 15: Final Examination Before nee Useful materials (textbooks or papers) will be introduced during the class. Evaluation Rate Evaluation Exam: 100% Note / URL		Course Schedule	1: Basic Equations Three basic conservation laws in hydraulics, and fundamental equations (e.g. Euler equations, Navier-Stokes equations) will be explained. 2: Basic Equations for Pipe Flow Basic Equations for Pipe Flow 1: Turbulence in Pipe Flow 1: Energy Losses in Pipe Flow 2: Energy Losses in Pipe Flow 1: Surfuence Flow Flows 1 Network of Pipe Flows 1 Network of Pipe Flows 2 Network of Pipe Flows 2 Network of Pipe Flows 4 Network o			
15: Final Examination Final examination will be held in the last week of the course (Week 15) Textbooks Handouts will be distributed in the class. Reference Useful materials (textbooks or papers) will be introduced during the class. Evaluation Rate Exam: 100% Note / URL Note / URL			Sediment Transport in River Summary of this course will also be provided.			
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Evaluation Rate Evaluation Exam: 100% Final Examination 60% Note / URL		Reference	ference Useful materials (textbooks or papers) will be introduced during the class.			
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		Note / URL				

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