Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: civil *Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

organization of construction sites

MASTER COURSE TEACHER		Helis Rima			
		Reception of students per week			
Email	rimah_gc@yahoo.fr	Day:	*Sunday*	Hour:	11:00 h
Office Phone N°		Day:	*Thursday*	Hour:	13:00 h
Secretary Phone		Day:		Hour:	
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Acquire the theoretical and practical knowledge necessary to master the problems of organization and planning of construction work.*
Unit Teaching Type	UED
Short content	
Subject Credits	***1***
Matter coefficient	*1*
Participation Weighting	*3%*
Attendance Weighting	*30%*
C.C. Average Calculation	
Targeted skills	

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
		1h:30	W	No	20	01/01/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	
Application names (Web, local network)	
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Organisation et conduite des travaux : p1 : Engins et matériel de chantier, IUT de saint Nazaire Organisation pratique des chantier, Tome 1 Olivier EMILE. Collection « Techniciens de la construction » La méthode de PERT, Federal Electric Corporation. Collection « Techniciens de la construction »
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering Department*

SYLLABUS OF MATTER
(To be published on the institution's website)

Road works and various networks

MASTER COURSE TEACHER		*Name and Surname of the teacher*			
		Reception of students per week			
Email		Day:	*Wednesday*	Hour:	*08:00*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:	*A 02*	Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*The student will learn in this subject all road works and various networks.*
Unit Teaching Type	*TU Discovery DTU 3.2.*
Short content	*Road works, Sanitation, Various networks.*
Subject Credits	*1*
Matter coefficient	*1*
Participation Weighting	
Attendance Weighting	
C.C. Average Calculation	
Targeted skills	*Longitudinal profile and cross sections,* *Design of sanitation networks and drinking water supply networks,* *Management of green spaces.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/course/view.php?id=568
Application names (Web, local network)	Moodle
Handouts	Road works and various networks handout
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Reading of the Road works and various networks handout Participation Solve the required exercises
Teacher expectations	Acquire the necessary skills for the realization of longitudinal profile and cross sections, Design of networks and green spaces.

BIBLIOGRAPHY	
Books and digital resources	R. Bayon, "Voiries et réseaux divers", Eyrolles La pratique des VRD. Le moniteur
Articles	
Handouts	R. Abada, Cours Voiries et Réseaux Diver, Centre universitaire de Mila, 2017.
Web sites	https://geniecivilpdf.com/cours-vrd-assainissement https://www.4geniecivil.com/search/label/VRD https://geniecivilpdf.com/tres-bon-livre-de-vrd/

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department*: Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Structural calculation

MASTER COURSE TEACHER		KEBICHE Khelifa			
		Reception of students per week			
Email	khkebiche@yahoo.fr	Day:	*Tuesday*	Hour:	*09H30*
Office Phone N°	06 61 14 20 49	Day:		Hour:	*11H00*
Secretary Phone	*036 44 46 69*	Day:		Hour:	
Other		Building:	*Civil Engineering*	Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
KEBICHE Khelifa	E2	*Monday*	11h30	*Monday*	14h00	*Monday*	15h30

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Structural calculation*
Unit Teaching Type	*Fundamental unit 3.2.1*
Short content	*Structural analysis and load calculation*
Subject Credits	*4*
Matter coefficient	*2*
Participation Weighting	*25%*
Attendance Weighting	*75%*
C.C. Average Calculation	*Presence/5 + work at home/8 + questions/7*
Targeted skills	*Obtain of methods for solving the hyperstatic systems of two-dimensional.* *knowledge of the Structural calculation.* *Structural analysis and load calculation* *structural analysis and design of building and steel structure*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
	Directed work	30min	W	Yes	7 points	01/01/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
		30min	W	Yes		Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/
Application names (Web, local network)	Moodle
Handouts	Book
Laboratory materials	/
Protective materials	/
Field trip equipment	/

EXPECTATIONS	
Expected of students (Participation-involvement)	Interaction with the teacher Exhibition of presentations Solve the exercises
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	S. Timoshenko, Résistance des matériaux, Dunod, 1986. P. Stepine, Résistance des matériaux, Editions MIR ; Moscou, 1986. R. Soltani, Lignes d'influence des poutres et des arcs isostatiques, O.P.U, 2003. G. Pissarenko et all, Aide-mémoire de résistance des matériaux.
Articles	https://ced.petra.ac.id/index.php/civ/article/view/22520 https://pascal francis.inist.fr/vibad/index.php?action=getRecordDetail&idt=189966
Handouts	https://moodle.luniversitenumerique.fr/pluginfile.php/830/mod_resource/content/2/INSA-Alternance-2017.pdf
Web sites	https://www.universalis.fr/encyclopedie/resistance-des-materiaux/3-calculs-elementaires-d-elasticite/

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif* Department: *Process Engineering*

SYLLABUS OF MATTER **(To be published on the institution's website)**
Steel constructions

MASTER COURSE TEACHER		*Name and Surname of the teacher*			
		Reception of students per week			
Email	**loukrizs@gmail.com**	Day:	*TUESDAY*	Hour:	*8h:00*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:	Amphi 2	Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
		Monday	*14h:00*				
		Monday	*15h:30*				
		TUESDAY	*11h:00*				

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*The basics of calculation of metallic elements*
Unit Teaching Type	UEF 6.1.1
Short content	*Sizing of metallic elements*
Subject Credits	
Matter coefficient	
Participation Weighting	
Attendance Weighting	
C.C. Average Calculation	
Targeted skills	***General knowledge on the phenomena of elastic instabilities of thin profiles***

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	
Application names (Web, local network)	
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Calcul des Structures Métalliques selon l'EUROCOD. Règles de conception des structures en acier CCM97
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: Ferhat ABBAS University of Setif1.
Department of Civil Engineering.

SYLLABUS OF MATTER
(To be published on the institution's website)

Foundations and Geotechnical works

MASTER COURSE TEACHER		*Larbi MOKRANI*			
		Reception of students per week			
Email	mokrani_larbi@yahoo.fr	Day:	*Tuesday*	Hour:	*9:30 am*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other	*0774275381*	Building:	*Amphitheater2*	Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour
MOKRANI Larbi	E01	*Tuesday*	*11 a.m*	*Tuesday*	*12:30 pm*	*Tuesday*	*2 p.m*

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Calculation under various actions of frequent geotechnical works.*
Unit Teaching Type	*Fundamental*
Short content	*Limit equilibrium in a soil, supports, foundations, soil stability.*
Subject Credits	*4*
Matter coefficient	*2*
Participation Weighting	*25%*
Attendance Weighting	*75%*
C.C. Average Calculation	*Presence/5 + work at home/8 + questions/7*
Targeted skills	*Capacities to approach the behavior of geotechnical structure allowing an adequate dimensioning.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria(2)
21/3/23	Directed work	30min	W	yes	7 points	11/04/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
2/5/23	Directed work	30min	W	yes	7 points	09/05/2023	R

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/
Application names (Web, local network)	
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Introduction to a profession of the future
Teacher expectations	Motivation and determination

BIBLIOGRAPHY	
Books and digital resources	
Articles	
Handouts	Geotechnics and foundations. Presented by: Larbi MOKRANI. 2022/2023
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Process Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Reinforced concrete 2

MASTER COURSE TEACHER		*Name and Surname of the teacher*			
		Reception of students per week			
Email	*houssameddine63@yahoo.fr*	Day:	*Sunday*	Hour:	10h
Office Phone N°		Day:	*Monday*	Hour:	12h30
Secretary Phone		Day:		Hour:	
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
Houssam Eddine Abdelli	*Block E H5*	*Sunday*	12h30	*Sunday*	14h		
Houssam Eddine Abdelli	*Block E S4*	*Monday*	08h	*Monday*	11h		

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*To teach the design of sections under the action of simple and compound solicitations.*
Unit Teaching Type	UEF 3.2.2
Short content	*4 chapters*
Subject Credits	*6*
Matter coefficient	*3*
Participation Weighting	
Attendance Weighting	*5 Pts*
C.C. Average Calculation	*Test (7 pts) + Homework (8 pts)*
Targeted skills	*The student will be able to :* *Calculer les sections soumises en flexion simple* *Calculer les armatures transversales*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	Moodle
Application names (Web, local network)	
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Solve various exercises and problems
Teacher expectations	Design and verification of rectangular and tee sections subjected to simple and compound bending and shear force

BIBLIOGRAPHY	
Books and digital resources	Règles BAEL 91 révisées 99 Pratique du B.A.E.L. 91 (Cours avec exercices corrIgés) Exercice de béton armé selon les règles B.A.E.L.83
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Computer Aided Calculation

MASTER COURSE TEACHER		*Name and Surname of the teacher*			
		Reception of students per week			
Email	mboutlikht@univ-setif.dz	Day:		Hour:	
Office Phone N°	*036 44 46 69*	Day:		Hour:	
Secretary Phone	*036 44 46 69*	Day:		Hour:	
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
BOUTLIKHT Mourad	*Office 01*	*Sunday*	*11h00*	*Sunday*	*13h00*	*Monday*	*9h00*

COURSE DESCRIPTION	
Objective	*Basic concepts about structural design software in civil engineering*
Unit Teaching Type	*methodological*
Short content	*SAP2000 Software Fundamentals*
Subject Credits	*3*
Matter coefficient	*2*
Participation Weighting	*50%*
Attendance Weighting	*50%*
C.C. Average Calculation	*70% (Average of works)+30% Attendance*
Targeted skills	*Comprehension of SAP2000 software controls Construction of structures*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
19/03/2023	1	1h30	IP	NO	10	19/03/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
17/04/2023						17/04/2023	R

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/course/view.php?id=1870
Application names (Web, local network)	
Handouts	Computer-aided computing
Laboratory materials	Computer Sap 2000 software
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Preparing and Reading the TP Handout
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	SAP2000 Software Manual
Articles	
Handouts	Computer-aided computing
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: civil *Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

measurement and price estimate

MASTER COURSE TEACHER		Helis Rima			
		Reception of students per week			
Email	rimah_gc@yahoo.fr	Day:	*Sunday*	Hour:	11:00 h
Office Phone N°		Day:	*Thursday*	Hour:	13:00 h
Secretary Phone		Day:		Hour:	
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Acquire knowledge of the basic tools for establishing a preliminary measurement and an estimate as well as knowledge of the different acts of measurement.*
Unit Teaching Type	UEM
Short content	
Subject Credits	***2***
Matter coefficient	*1*
Participation Weighting	*3%*
Attendance Weighting	*30%*
C.C. Average Calculation	
Targeted skills	

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
		1h:30	W	No	20	01/01/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	
Application names (Web, local network)	
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Michel Manteau. Métré de Bâtiment. Eyrolles, 1990 Jena-Pierre Gousset, Jean-Claude Capdebielle, René Pralat. Le Métré, CAO-DAO avec Autocad- Etude de prix. Editions Eyrolles, 2011
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University - Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Final Year Project

MASTER COURSE TEACHER		**Mr GOUGA Messaoud**			
		Reception of students per week			
Email	mgouga@gmail.com	Day:		Hour:	
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:	Former Maths	Office:	*3*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour
Mr GOUGA Messaoud	E04 room	*Tues.*	14-00	*Tues.*	15-30		
Mr GOUGA Messaoud	E02 room	*Wedn.*	09-30	*Wedn.*	11-00	*Wedn.*	14-00
Mr GOUGA Messaoud	E02 room	*Wedn.*	15-30				

COURSE DESCRIPTION	
Objective	*To carry out a reinforced concrete building project*
Unit Teaching Type	UEM 3.2
Short content	*Elements Pre-sizing, Vertical Loads Distribution, Structural Analysis, Reinforcements Design, Floor Slab Formwork Drawing.*
Subject Credits	*4*
Matter coefficient	*2*
Participation Weighting	*70% on Graduation Thesis*
Attendance Weighting	*30% on Attendance*
C.C. Average Calculation	*70% on Graduation Thesis +30% on Attendance*
Targeted skills	*Understanding and applying necessary knowledge for establishing a reinforced concrete building project: Strength of materials, Reinforced concrete detailing, Formwork.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria(2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	
Application names (Web, local network)	
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Writing a thesis which includes a common floor formwork plan, Detailing reinforcements for the designed elements : Beams , columns, floor slab, footings.
Teacher expectations	Explain, Supervise, Answer questions, Correct Graduating theses and give final scores.

BIBLIOGRAPHY	
Books and digital resources	1.DTR RPA, DTR Charges permanentes et surcharges 2. Jean- Pierre Mougin, "Cours de béton armé 3. Jean Perchat et J. Roux, "Pratique du B.A.E.L. 4. Reinforced Concrete Designer's Handbook, Reynolds & Steedman, E. & F.N. Spon publishers, London - New York. 5. Structural Engineering DESIGN in Practice, R. Westbrook, Longman Scientific & Technical.
Articles	
Handouts	
Web sites	

Wet stamp of the department

Nom EES : UNIVERSITE FERHAT ABBAS,INSTITUT DE TECHNO Département : Département du génie civil

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
Projet prof et gestion ETP

ENSEIGNANT DU COURS MAGISTRAL		**Chalal Nadia**			
		Réception des étudiants par semaine			
Email	n.chalal@yahoo.fr	Jour :		heure	
Tél de bureau	0792 70 54 00	Jour :		heure	
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :		Bureau :	

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure

DESCRIPTIF DU COURS	
Objectif	Rédaction d'un CV professionnel, Lettre de motivation, montage d'une entreprise…
Type Unité Enseignement	UET3.2
Contenu succinct	Typologie des entreprises,conflits,fidélité,CV…
Crédits de la matière	1
Coefficient de la matière	1
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	Rédiger un CV selon les régles d'art. Idem pour la lettre de motivation Savoir démarrer un projet…

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date Consult. copie)	Critères évaluation (2)
						01/01/2023	
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	
Noms Applications (Web, réseau local)	
Polycopiés	
Matériels de laboratoires	
Matériels de protection	
Matériels de sorties	

sur le terrain	

LES ATTENTES	
Attendues des étudiants (Participation-implication)	participation moyenne
Attentes de l'enseignant	changer les peéacquis des étudiants.

BIBLIOGRAPHIE	
Livres et ressources numériques	Pierre Facon. Le coin des entrepreneurs.fr/étapes pme-dz.com/Procédures-administratives –opération pourla-création d'entreprise-en Algérie/ Hameidi
Articles	
Polycopiés	
Sites Web	

<u>Cachet humide du département</u>

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department*: Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Airfields

MASTER COURSE TEACHER		HEBBACHE Kamel			
		Reception of students per week			
Email	hebbache_kamel@yahoo.com	Day:	*Tuesday*	Hour:	*12H30*
Office Phone N°	*036444669*	Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
HEBBACHE Kamel	*E2*	*Tuesday*	*12H30*				

COURSE DESCRIPTION	
Objective	*Study and design of airfields*
Unit Teaching Type	*Methodological unit 3.2*
Short content	*Airfields design*
Subject Credits	*1*
Matter coefficient	*1*
Participation Weighting	*/*
Attendance Weighting	*/*
C.C. Average Calculation	*/*
Targeted skills	*Study and design of airfields* *Aircraft Classification*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/
Application names (Web, local network)	Moodle
Handouts	Book
Laboratory materials	/
Protective materials	/
Field trip equipment	/

EXPECTATIONS

Expected of students (Participation-involvement)	Interaction with the teacher Exhibition of presentations Solve the exercises
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Airfield design, construction and management Power system analysis Etude et conception des aérodromes civils
Articles	https://www.stac.aviation-civile.gouv.fr/fr/c https://www.stac.aviation-civile.gouv.fr/fr/public
Handouts	Handout (HEBBACHE Kamel)
Web sites	https://www.stac.aviation-civile.gouv.fr/fr/c https://www.faa.gov/ https://aca.stac.aviation-civile.gouv.fr/

Wet stamp of the department

Nom EES : UNIVERSITE FERHAT ABBAS - SETIF 1 Département : Génie Civil

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
Hydraulique Appliquée

ENSEIGNANT DU COURS MAGISTRAL		**Dr. KHELILI Hinda**			
		Réception des étudiants par semaine			
Email	khelili.hinda@yahoo.fr	Jour :	Mercredi	heure	9h30
Tél de bureau		Jour :		heure	
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :	E	Bureau :	S 01

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure

DESCRIPTIF DU COURS	
Objectif	Calculs hydraliques
Type Unité Enseignement	UE Découverte -UED
Contenu succinct	
Crédits de la matière	1
Coefficient de la matière	1
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date Consult. copie)	Critères évaluation (2)
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	https://moodle-ft.univ-setif.dz/
Noms Applications (Web, réseau local)	Moodle
Polycopiés	Support sous format PDF
Matériels de laboratoires	/
Matériels de protection	/
Matériels de sorties sur le terrain	/

LES ATTENTES	
Attendues des étudiants (Participation-implication)	-Interagir avec l'enseignant en posant des questions et en répondant à ses questions. -Préparer et résoudre les exercices demandés.
Attentes de l'enseignant	-Livrer l'information par une méthode simpliste. -Suivre l'avancement des étudiants et les accompagner.

BIBLIOGRAPHIE	
Livres et ressources numériques	M. Carlier, Hydraulique générale et appliquée
Articles	
Polycopiés	
Sites Web	

Cachet humide du département

Nom EES : *Université Ferhat ABBAS, Sétif-1* Département : *Génie des Procédés*

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
Béton armé 2

ENSEIGNANT DU COURS MAGISTRAL		**Nom et prénom de l'enseignant**			
		Réception des étudiants par semaine			
Email	Houssameddine63@yahoo.fr	Jour :	Dimanche	heure	10h
Tél de bureau		Jour :	Lundi	heure	12h30
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :		Bureau :	

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure
ABDELLI Houssam Eddine	Bloc E S5	Dimanche	12h30	Dimanche	14h		
ABDELLI Houssam Eddine	Bloc E S4	Lundi	09h30	Lundi	11h		

DESCRIPTIF DU COURS	
Objectif	Enseigner le dimensionnement des sections sous L'action des sollicitations simples et composées.
Type Unité Enseignement	UEF 3.2.2
Contenu succinct	4 chapitres
Crédits de la matière	6
Coefficient de la matière	3
Pondération Participation	
Pondération Assiduité	5 pts
Calcul Moyenne C.C	Test (7 pts) + Devoir de maison (8 pts)
Compétences visées	L'étudiant sera capable de : Calculer les sections soumises en flexion simple Calculer les armatures transversales

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date Consult. copie)	Critères évaluation (2)
	1	40 mn	E	No	7 pts	Cliquez ici pour entrer une date.	R
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

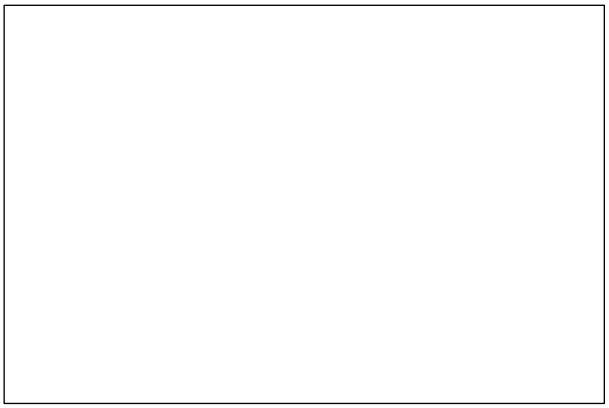
(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	Moodle
Noms Applications (Web, réseau local)	
Polycopiés	
Matériels de laboratoires	
Matériels de	

protection	
Matériels de sorties sur le terrain	

LES ATTENTES	
Attendues des étudiants (Participation-implication)	Résoudre divers exercices et problèmes
Attentes de l'enseignant	Calcul et la vérification des sections rectangulaire et en Té soumises à la flexion simple et composée et à l'effot tranchant

BIBLIOGRAPHIE	
Livres et ressources numériques	Règles BAEL 91 révisées 99 Pratique du B.A.E.L. 91 (Cours avec exercices corrgés) Exercice de béton armé selon les règles B.A.E.L.83
Articles	
Polycopiés	
Sites Web	



Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department:*Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Bridges

MASTER COURSE TEACHER		MESSAI Abderraouf			
		Reception of students per week			
Email	abdmes1978@gmail.com	Day:	*Monday*	Hour:	12h30
Office Phone N°		Day:	*Monday*	Hour:	14h00
Secretary Phone		Day:	*wednsday*	Hour:	14h00
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour
MESSAI Abderraouf	*E01*	*Monday*	14h00				

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*The student can choose a design* *have knowledge of moving loads*
Unit Teaching Type	*fundamental unit 3.2.1*
Short content	*Design/actions of bridges*
Subject Credits	*6*
Matter coefficient	*3*
Participation Weighting	*25%*
Attendance Weighting	*25%*
C.C. Average Calculation	*Participation + attendance + questions*
Targeted skills	*Able to choose an adequate design* *Able to calculate road loads* *able to use lines of influence*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria(2)
17/04	1	30 min	W	No	/10	08/05/2023	A
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
24/04	1	30 min	W	No	/10	08/05/2023	A

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/
Application names (Web, local network)	Moodle
Handouts	Course support in PDF format
Laboratory materials	/
Protective materials	/
Field trip equipment	/

EXPECTATIONS	
Expected of students (Participation-involvement)	Interaction with the teacher
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Bridge design by Grattesat Bridge design by CALGARO
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Foundations and earthworks

MASTER COURSE TEACHER		**NECHADI Nadjoua**			
		Reception of students per week			
Email	*nadjouabourmatte@yahoo.fr*	Day:	Sunday	Hour:	11:00
Office Phone N°		Day:	Tuesday	Hour:	11:00
Secretary Phone		Day:	Thursday	Hour:	09:00
Other		Building:		Office:	05

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour
NECHADI Nadjoua	05	Sunday	11:00	Tuesday	11:00	Thursday	11:00

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	Calculation of the stability of foundations, earthworks and retaining structures
Unit Teaching Type	FTU 3.2.2
Short content	
Subject Credits	04
Matter coefficient	02
Participation Weighting	
Attendance Weighting	
C.C. Average Calculation	
Targeted skills	

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria(2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz
Application names (Web, local network)	
Handouts	
Laboratory materials	

Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Costet J., Sanglerat G. calcul pratique de MDS Phillipponat G., Hubert B. Fondations et ouvrages en terre Schlosser F., Eléments de mécanique des sols Schlosser F., Exercices de mécanique des sols
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Roads 2

MASTER COURSE TEACHER		*Name and Surname of the teacher*			
		Reception of students per week			
Email	*m_17mohamed@yahoo.fr*	Day:	*Mon*	Hour:	*12h30*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:	*E*	Office:	*01*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
MEKERBI Mohamed	*E01*	*Mon*	*14h*				

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Design and pathology of pavements*
Unit Teaching Type	*UEF 3.2.1*
Short content	
Subject Credits	*4*
Matter coefficient	*2*
Participation Weighting	*25%*
Attendance Weighting	*25%*
C.C. Average Calculation	
Targeted skills	*Know how to use sizing guides and* reinforcement guides + development of intersection

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
Sun	2	20mn	E	N	/10	01/01/2023	D
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
Sun	2	20 mn	E	O	/5	Cliquez ici pour entrer une date.	D

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/course/view.php?id
Application names (Web, local network)	Powerpoint, Excel
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS

Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	R. Coquand. « Routes ». Tomes 1 et 2, Eyrolles. M. Faure. « Cours de routes ». Tomes 1 et 2. B40 : normes techniques d'aménagement des route
Articles	Collections SETRA-LCPC. France. Fascicules
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Road materials

MASTER COURSE TEACHER		*Seifeddine Tabchouche*			
		Reception of students per week			
Email	*seifeddine.tabchouche@univ-setif.dz*	Day:	*Sunday*	Hour:	*10h00*
Office Phone N°		Day:	*Monday*	Hour:	*09h30*
Secretary Phone		Day:	*Wednesday*	Hour:	*10h00*
Other	*0666592310*	Building:	*Math*	Office:	*03*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
Seifeddine Tabchouche	*Math B03*	*Sund*	*10h00*	*Mond*	*09h00*	*Wedne*	*10h00*

COURSE DESCRIPTION	
Objective	*Concrete mix design and bituminous mix design methods*
Unit Teaching Type	UEM 3.2
Short content	*Reinforcement of soft soil and improvement of in situ soil characteristics.*
Subject Credits	*03*
Matter coefficient	*02*
Participation Weighting	*0.7*
Attendance Weighting	*0.3*
C.C. Average Calculation	*70 % participation + 30% attendance*
Targeted skills	*Learn the concrete mix design procedures* *Practice a concrete mix design formulation* *Learn the bituminous mix design study*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
30/03	1	1h30	EX	Yes	10 pts	21/03/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
25/05	1	1h30	EX	Yes	10 pts	02/05/2023	R

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	Manual in Moodle
Application names (Web, local network)	
Handouts	Manual of experimental procedures
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Learn all the required steps to establish a concrete mix design
Teacher expectations	Students have to conduct all the required tests under the supervision of the teacher

BIBLIOGRAPHY	
Books and digital resources	Practical Concrete Mix Design CRC Press, (2020)
Articles	
Handouts	Laboratory manual of the mix design methods
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Road materials

MASTER COURSE TEACHER		*Seifeddine Tabchouche*			
		Reception of students per week			
Email	*seifeddine.tabchouche@univ-setif.dz*	Day:	*Sunday*	Hour:	*10h00*
Office Phone N°		Day:	*Monday*	Hour:	*09h30*
Secretary Phone		Day:	*Wednesday*	Hour:	*10h00*
Other	*0666592310*	Building:	*Math*	Office:	*03*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
Seifeddine Tabchouche	*Math B03*	*Sund*	*10h00*	*Mond*	*09h00*	*Wedne*	*10h00*

COURSE DESCRIPTION	
Objective	*Be able to carry out a professional project*
Unit Teaching Type	UEM 3.2
Short content	*Conduct a full project study of a civil engineering structure*
Subject Credits	*04*
Matter coefficient	*02*
Participation Weighting	*0.7*
Attendance Weighting	*0.3*
C.C. Average Calculation	*70 % participation + 30% attendance*
Targeted skills	*Learn the necessary technical steps to design and calculate a civil engineering structure.* *Practice a real case study.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
30/03	1	1h30	EX	Yes	10 pts	21/03/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
25/05	1	1h30	EX	Yes	10 pts	02/05/2023	R

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	Manual in Moodle
Application names (Web, local network)	
Handouts	Software Manual
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Learn all the required steps to establish the design of a civil engineering structure
Teacher expectations	Students have to simulate a real civil engineering structure,

BIBLIOGRAPHY	
Books and digital resources	Different software's manuals
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering Department*

SYLLABUS OF MATTER
(To be published on the institution's website)

Geographic Information Systems

MASTER COURSE TEACHER		*Gharbi Ameur*			
		Reception of students per week			
Email	*gharbi.ameur@gmail.com*	Day:	*Tuesday*	Hour:	*14:00*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other	*06 97 27 50 36*	Building:	*E*	Office:	*Room1*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Familiarize with GIS and their use in the public works sector.*
Unit Teaching Type	*TU Methodological MTU 3.2.*
Short content	*GIS definition, Geographic Information, geographic database.*
Subject Credits	*2*
Matter coefficient	*1*
Participation Weighting	
Attendance Weighting	
C.C. Average Calculation	
Targeted skills	*Basic design of a GIS,* *Thematic mapping,* *Processing in the GIS.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/course/view.php?id=567
Application names (Web, local network)	Moodle
Handouts	GIS Course Handout
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Reading the GIS handout. Participation. Solve the required exercises.
Teacher expectations	Familiarize students with GIS. Basic design of a GIS. Spatial analysis of data.

BIBLIOGRAPHY	
Books and digital resources	J Denègre, F Salgé. Les SIG. Ed. Presses H Pornon. SIG :La dimension géographique du SIG F Bonn, G Rochon. Précis de Télédétection
Articles	K Mathieu , SIG, une histoire de définitions, XYZ P Jean-Luc, Les atouts des SIG,Histoire urbaine
Handouts	B Chérifa, R Amina, SIG Cours et travaux pratiques G Ameur, Cours SIG 3 LMD R Farid, Les SIG appliqués à l'Architecture
Web sites	http://www.qgis.org/fr/site/ http://www.qgis.org/fr/site/forusers/download.html https://www.esrifrance.fr/

Wet stamp of the department

Nom EES : UNIVERSITE FERHAT ABBAS SETIF 1 Département : Département du génie civil

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
P.p. et gestion des entreprises

ENSEIGNANT DU COURS MAGISTRAL		**Chalal Nadia**			
		Réception des étudiants par semaine			
Email	n.chalal@yahoo.fr	Jour :		heure	
Tél de bureau	0792 70 54 00	Jour :		heure	
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :		Bureau :	

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure

DESCRIPTIF DU COURS	
Objectif	Rédaction d'un CV professionnel, Lettre de motivation, montage d'une entreprise…
Type Unité Enseignement	UET3.2
Contenu succinct	Typologie des entreprises,conflits,fidélité,CV…
Crédits de la matière	1
Coefficient de la matière	idé1
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	Rédiger un CV selon les régles d'art. Idem pour la lettre de motivation Savoir démarrer un projet…

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (dateConsult. copie)	Critères évaluation (2)
						01/01/2023	
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	
Noms Applications (Web, réseau local)	
Polycopiés	
Matériels de laboratoires	
Matériels de protection	
Matériels de sorties	

sur le terrain	

LES ATTENTES	
Attendues des étudiants (Participation-implication)	participation moyenne
Attentes de l'enseignant	changer les peéacquis des étudiants.

BIBLIOGRAPHIE	
Livres et ressources numériques	Pierre Facon. Le coin des entrepreneurs.fr/étapes pme-dz.com/Procédures-administratives –opération pourla-création d'entreprise-en Algérie/ Hameidi
Articles	
Polycopiés	
Sites Web	

<u>Cachet humide du département</u>

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department*: Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Airfields

MASTER COURSE TEACHER		HEBBACHE Kamel			
		Reception of students per week			
Email	hebbache_kamel@yahoo.com	Day:	*Tuesday*	Hour:	*12H30*
Office Phone N°	*036444669*	Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
HEBBACHE Kamel	*E2*	*Tuesday*	*12H30*				

COURSE DESCRIPTION	
Objective	*Study and design of airfields*
Unit Teaching Type	*Methodological unit 3.2*
Short content	*Airfields design*
Subject Credits	*1*
Matter coefficient	*1*
Participation Weighting	*/*
Attendance Weighting	*/*
C.C. Average Calculation	*/*
Targeted skills	*Study and design of airfields* *Aircraft Classification*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/
Application names (Web, local network)	Moodle
Handouts	Book
Laboratory materials	/
Protective materials	/
Field trip equipment	/

EXPECTATIONS

Expected of students (Participation-involvement)	Interaction with the teacher Exhibition of presentations Solve the exercises
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Airfield design, construction and management Power system analysis Etude et conception des aérodromes civils
Articles	https://www.stac.aviation-civile.gouv.fr/fr/c https://www.stac.aviation-civile.gouv.fr/fr/public
Handouts	Handout (HEBBACHE Kamel)
Web sites	https://www.stac.aviation-civile.gouv.fr/fr/c https://www.faa.gov/ https://aca.stac.aviation-civile.gouv.fr/

Wet stamp of the department

Nom EES : UNIVERSITE FERHAT ABBAS - SETIF 1 Département : Génie Civil

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
Hydraulique Appliquée

ENSEIGNANT DU COURS MAGISTRAL		**Dr. KHELILI Hinda**			
		Réception des étudiants par semaine			
Email	khelili.hinda@yahoo.fr	Jour :	Mercredi	heure	9h30
Tél de bureau		Jour :		heure	
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :	E	Bureau :	S 01

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure

DESCRIPTIF DU COURS	
Objectif	Calculs hydraliques
Type Unité Enseignement	UE Découverte -UED
Contenu succinct	
Crédits de la matière	1
Coefficient de la matière	1
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date Consult. copie)	Critères évaluation (2)
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	https://moodle-ft.univ-setif.dz/
Noms Applications (Web, réseau local)	Moodle
Polycopiés	Support sous format PDF
Matériels de laboratoires	/
Matériels de protection	/
Matériels de sorties sur le terrain	/

LES ATTENTES	
Attendues des étudiants (Participation-implication)	-Interagir avec l'enseignant en posant des questions et en répondant à ses questions. -Préparer et résoudre les exercices demandés.
Attentes de l'enseignant	-Livrer l'information par une méthode simpliste. -Suivre l'avancement des étudiants et les accompagner.

BIBLIOGRAPHIE	
Livres et ressources numériques	M. Carlier, Hydraulique générale et appliquée
Articles	
Polycopiés	
Sites Web	

Cachet humide du département

Nom EES : *Université Ferhat ABBAS, Sétif-1* Département : *Génie des Procédés*

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
Béton armé 2

ENSEIGNANT DU COURS MAGISTRAL		**Nom et prénom de l'enseignant**			
		Réception des étudiants par semaine			
Email	Houssameddine63@yahoo.fr	Jour :	Dimanche	heure	10h
Tél de bureau		Jour :	Lundi	heure	12h30
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :		Bureau :	

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure
ABDELLI Houssam Eddine	Bloc E S5	Dimanche	12h30	Dimanche	14h		
ABDELLI Houssam Eddine	Bloc E S4	Lundi	09h30	Lundi	11h		

DESCRIPTIF DU COURS	
Objectif	Enseigner le dimensionnement des sections sous L'action des sollicitations simples et composées.
Type Unité Enseignement	UEF 3.2.2
Contenu succinct	4 chapitres
Crédits de la matière	6
Coefficient de la matière	3
Pondération Participation	
Pondération Assiduité	5 pts
Calcul Moyenne C.C	Test (7 pts) + Devoir de maison (8 pts)
Compétences visées	L'étudiant sera capable de : Calculer les sections soumises en flexion simple Calculer les armatures transversales

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date Consult. copie)	Critères évaluation (2)
	1	40 mn	E	No	7 pts	Cliquez ici pour entrer une date.	R
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

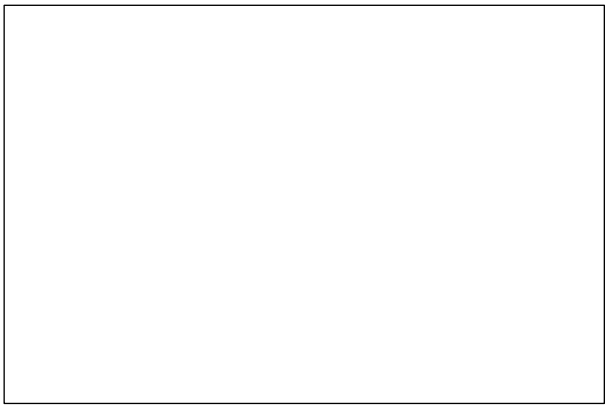
(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	Moodle
Noms Applications (Web, réseau local)	
Polycopiés	
Matériels de laboratoires	
Matériels de	

protection	
Matériels de sorties sur le terrain	

LES ATTENTES	
Attendues des étudiants (Participation-implication)	Résoudre divers exercices et problèmes
Attentes de l'enseignant	Calcul et la vérification des sections rectangulaire et en Té soumises à la flexion simple et composée et à l'effot tranchant

BIBLIOGRAPHIE	
Livres et ressources numériques	Règles BAEL 91 révisées 99 Pratique du B.A.E.L. 91 (Cours avec exercices corrgés) Exercice de béton armé selon les règles B.A.E.L.83
Articles	
Polycopiés	
Sites Web	



Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department:*Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Bridges

MASTER COURSE TEACHER		MESSAI Abderraouf			
		Reception of students per week			
Email	abdmes1978@gmail.com	Day:	*Monday*	Hour:	12h30
Office Phone N°		Day:	*Monday*	Hour:	14h00
Secretary Phone		Day:	*wednsday*	Hour:	14h00
Other		Building:		Office:	

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour
MESSAI Abderraouf	*E01*	*Monday*	14h00				

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*The student can choose a design* *have knowledge of moving loads*
Unit Teaching Type	*fundamental unit 3.2.1*
Short content	*Design/actions of bridges*
Subject Credits	*6*
Matter coefficient	*3*
Participation Weighting	*25%*
Attendance Weighting	*25%*
C.C. Average Calculation	*Participation + attendance + questions*
Targeted skills	*Able to choose an adequate design* *Able to calculate road loads* *able to use lines of influence*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria(2)
17/04	1	30 min	W	No	/10	08/05/2023	A
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
24/04	1	30 min	W	No	/10	08/05/2023	A

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/
Application names (Web, local network)	Moodle
Handouts	Course support in PDF format
Laboratory materials	/
Protective materials	/
Field trip equipment	/

EXPECTATIONS	
Expected of students (Participation-involvement)	Interaction with the teacher
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Bridge design by Grattesat Bridge design by CALGARO
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Foundations and earthworks

MASTER COURSE TEACHER		**NECHADI Nadjoua**			
		Reception of students per week			
Email	*nadjouabourmatte@yahoo.fr*	Day:	Sunday	Hour:	11:00
Office Phone N°		Day:	Tuesday	Hour:	11:00
Secretary Phone		Day:	Thursday	Hour:	09:00
Other		Building:		Office:	05

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour
NECHADI Nadjoua	05	Sunday	11:00	Tuesday	11:00	Thursday	11:00

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session1		Session2		Session3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	Calculation of the stability of foundations, earthworks and retaining structures
Unit Teaching Type	FTU 3.2.2
Short content	
Subject Credits	04
Matter coefficient	02
Participation Weighting	
Attendance Weighting	
C.C. Average Calculation	
Targeted skills	

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria(2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz
Application names (Web, local network)	
Handouts	
Laboratory materials	

Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	Costet J., Sanglerat G. calcul pratique de MDS Phillipponat G., Hubert B. Fondations et ouvrages en terre Schlosser F., Eléments de mécanique des sols Schlosser F., Exercices de mécanique des sols
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Roads 2

MASTER COURSE TEACHER		*Name and Surname of the teacher*			
		Reception of students per week			
Email	*m_17mohamed@yahoo.fr*	Day:	*Mon*	Hour:	*12h30*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other		Building:	*E*	Office:	*01*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
MEKERBI Mohamed	*E01*	*Mon*	*14h*				

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Design and pathology of pavements*
Unit Teaching Type	*UEF 3.2.1*
Short content	
Subject Credits	*4*
Matter coefficient	*2*
Participation Weighting	*25%*
Attendance Weighting	*25%*
C.C. Average Calculation	
Targeted skills	*Know how to use sizing guides and* reinforcement guides + development of intersection

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
Sun	2	20mn	E	N	/10	01/01/2023	D
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
Sun	2	20 mn	E	O	/5	Cliquez ici pour entrer une date.	D

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/course/view.php?id
Application names (Web, local network)	Powerpoint, Excel
Handouts	
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS

Expected of students (Participation-involvement)	
Teacher expectations	

BIBLIOGRAPHY	
Books and digital resources	R. Coquand. « Routes ». Tomes 1 et 2, Eyrolles. M. Faure. « Cours de routes ». Tomes 1 et 2. B40 : normes techniques d'aménagement des route
Articles	Collections SETRA-LCPC. France. Fascicules
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Road materials

MASTER COURSE TEACHER		*Seifeddine Tabchouche*			
		Reception of students per week			
Email	*seifeddine.tabchouche@univ-setif.dz*	Day:	*Sunday*	Hour:	*10h00*
Office Phone N°		Day:	*Monday*	Hour:	*09h30*
Secretary Phone		Day:	*Wednesday*	Hour:	*10h00*
Other	*0666592310*	Building:	*Math*	Office:	*03*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
Seifeddine Tabchouche	*Math B03*	*Sund*	*10h00*	*Mond*	*09h00*	*Wedne*	*10h00*

COURSE DESCRIPTION	
Objective	*Concrete mix design and bituminous mix design methods*
Unit Teaching Type	UEM 3.2
Short content	*Reinforcement of soft soil and improvement of in situ soil characteristics.*
Subject Credits	*03*
Matter coefficient	*02*
Participation Weighting	*0.7*
Attendance Weighting	*0.3*
C.C. Average Calculation	*70 % participation + 30% attendance*
Targeted skills	*Learn the concrete mix design procedures* *Practice a concrete mix design formulation* *Learn the bituminous mix design study*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
30/03	1	1h30	EX	Yes	10 pts	21/03/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
25/05	1	1h30	EX	Yes	10 pts	02/05/2023	R

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	Manual in Moodle
Application names (Web, local network)	
Handouts	Manual of experimental procedures
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Learn all the required steps to establish a concrete mix design
Teacher expectations	Students have to conduct all the required tests under the supervision of the teacher

BIBLIOGRAPHY	
Books and digital resources	Practical Concrete Mix Design CRC Press, (2020)
Articles	
Handouts	Laboratory manual of the mix design methods
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering*

SYLLABUS OF MATTER
(To be published on the institution's website)

Road materials

MASTER COURSE TEACHER		*Seifeddine Tabchouche*			
		Reception of students per week			
Email	*seifeddine.tabchouche@univ-setif.dz*	Day:	*Sunday*	Hour:	*10h00*
Office Phone N°		Day:	*Monday*	Hour:	*09h30*
Secretary Phone		Day:	*Wednesday*	Hour:	*10h00*
Other	*0666592310*	Building:	*Math*	Office:	*03*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
Seifeddine Tabchouche	*Math B03*	*Sund*	*10h00*	*Mond*	*09h00*	*Wedne*	*10h00*

COURSE DESCRIPTION	
Objective	*Be able to carry out a professional project*
Unit Teaching Type	UEM 3.2
Short content	*Conduct a full project study of a civil engineering structure*
Subject Credits	*04*
Matter coefficient	*02*
Participation Weighting	*0.7*
Attendance Weighting	*0.3*
C.C. Average Calculation	*70 % participation + 30% attendance*
Targeted skills	*Learn the necessary technical steps to design and calculate a civil engineering structure.* *Practice a real case study.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
30/03	1	1h30	EX	Yes	10 pts	21/03/2023	R
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
25/05	1	1h30	EX	Yes	10 pts	02/05/2023	R

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	Manual in Moodle
Application names (Web, local network)	
Handouts	Software Manual
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Learn all the required steps to establish the design of a civil engineering structure
Teacher expectations	Students have to simulate a real civil engineering structure,

BIBLIOGRAPHY	
Books and digital resources	Different software's manuals
Articles	
Handouts	
Web sites	

Wet stamp of the department

Name of Higher Education Institution: *Ferhat ABBAS University of Setif*
Department: *Civil Engineering Department*

SYLLABUS OF MATTER
(To be published on the institution's website)

Geographic Information Systems

MASTER COURSE TEACHER		*Gharbi Ameur*			
		Reception of students per week			
Email	*gharbi.ameur@gmail.com*	Day:	*Tuesday*	Hour:	*14:00*
Office Phone N°		Day:		Hour:	
Secretary Phone		Day:		Hour:	
Other	*06 97 27 50 36*	Building:	*E*	Office:	*Room1*

DIRECTED WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

PRACTICAL WORK
(Reception of students per week)

Surname and first name of the teachers	Office/ reception room	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour

COURSE DESCRIPTION	
Objective	*Familiarize with GIS and their use in the public works sector.*
Unit Teaching Type	*TU Methodological MTU 3.2.*
Short content	*GIS definition, Geographic Information, geographic database.*
Subject Credits	*2*
Matter coefficient	*1*
Participation Weighting	
Attendance Weighting	
C.C. Average Calculation	
Targeted skills	*Basic design of a GIS,* *Thematic mapping,* *Processing in the GIS.*

EVALUATION OF CONTINUOUS KNOWLEDGE CONTROLS							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						01/01/2023	
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Author. Docum. (Yes, No)	Scale	Exchange after evaluation (Copy consult. date)	Evaluation criteria (2)
						Cliquez ici pour entrer une date.	

(1) Type: W=Written, IP=Individual Present., CP=Class Present., EX=experiment., MCQ

(2) Evaluation criteria: A=Analysis, S=Synthesis, AR=Argumentation, AP=Approach, R=Results

EQUIPMENT AND MATERIALS USED	
Platform addresses	https://moodle-ft.univ-setif.dz/course/view.php?id=567
Application names (Web, local network)	Moodle
Handouts	GIS Course Handout
Laboratory materials	
Protective materials	
Field trip equipment	

EXPECTATIONS	
Expected of students (Participation-involvement)	Reading the GIS handout. Participation. Solve the required exercises.
Teacher expectations	Familiarize students with GIS. Basic design of a GIS. Spatial analysis of data.

BIBLIOGRAPHY	
Books and digital resources	J Denègre, F Salgé. Les SIG. Ed. Presses H Pornon. SIG :La dimension géographique du SIG F Bonn, G Rochon. Précis de Télédétection
Articles	K Mathieu , SIG, une histoire de définitions, XYZ P Jean-Luc, Les atouts des SIG,Histoire urbaine
Handouts	B Chérifa, R Amina, SIG Cours et travaux pratiques G Ameur, Cours SIG 3 LMD R Farid, Les SIG appliqués à l'Architecture
Web sites	http://www.qgis.org/fr/site/ http://www.qgis.org/fr/site/forusers/download.html https://www.esrifrance.fr/

Wet stamp of the department

Nom EES : UNIVERSITE FERHAT ABBAS SETIF 1 Département : Département du génie civil

SYLLABUS DE LA MATIERE **(à publier dans le site Web de l'institution)**
P.p. et gestion des entreprises

ENSEIGNANT DU COURS MAGISTRAL		**Chalal Nadia**			
		Réception des étudiants par semaine			
Email	n.chalal@yahoo.fr	Jour :		heure	
Tél de bureau	0792 70 54 00	Jour :		heure	
Tél secrétariat		Jour :		heure	
Autre		Bâtiment :		Bureau :	

TRAVAUX DIRIGES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	Heure	jour	heure

TRAVAUX PRATIQUES
(Réception des étudiants par semaine)

NOMS ET PRENOMS DES ENSEIGNANTS	Bureau/salle réception	Séance 1		Séance 2		Séance 3	
		jour	heure	jour	heure	jour	heure

DESCRIPTIF DU COURS	
Objectif	Rédaction d'un CV professionnel, Lettre de motivation, montage d'une entreprise…
Type Unité Enseignement	UET3.2
Contenu succinct	Typologie des entreprises,conflits,fidélité,CV…
Crédits de la matière	1
Coefficient de la matière	idé1
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	Rédiger un CV selon les régles d'art. Idem pour la lettre de motivation Savoir démarrer un projet…

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (dateConsult. copie)	Critères évaluation (2)
						01/01/2023	
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
						Cliquez ici pour entrer une date.	

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	
Noms Applications (Web, réseau local)	
Polycopiés	
Matériels de laboratoires	
Matériels de protection	
Matériels de sorties	

sur le terrain	

LES ATTENTES	
Attendues des étudiants (Participation-implication)	participation moyenne
Attentes de l'enseignant	changer les peéacquis des étudiants.

BIBLIOGRAPHIE	
Livres et ressources numériques	Pierre Facon. Le coin des entrepreneurs.fr/étapes pme-dz.com/Procédures-administratives –opération pourla-création d'entreprise-en Algérie/ Hameidi
Articles	
Polycopiés	
Sites Web	

<u>Cachet humide du département</u>