

Paramedic Science Department of AHP

Guidance for Practice Educators Paramedic Students 2017



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Welcome

This is a brief guide to assist you in supporting your student studying at Sheffield Hallam University. We are committed to supporting you as you support our students on placement. This handbook is designed to signpost you to our websites that contain information and guidance on supporting our students.

Placement contacts in Sheffield Hallam University

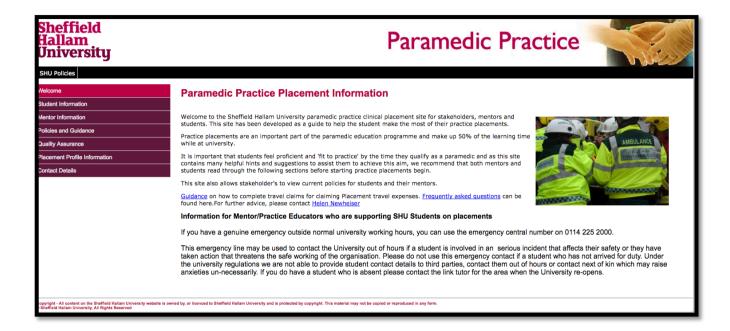
EMAS students	YAS Students	
Samantha McCabe-Hogan	Davy Bradshaw	
Email:	Email:	
Hwbsm1@exchange.shu.ac.uk	Davy.bradshaw@shu.ac.uk	
Telephone:	Telephone:	
01142256523	01142253846	
Mobile: 07584 145828	Mobile: 07342 078940	
0.33.140020	0.0.2070010	

Placement contacts in Ambulance Service

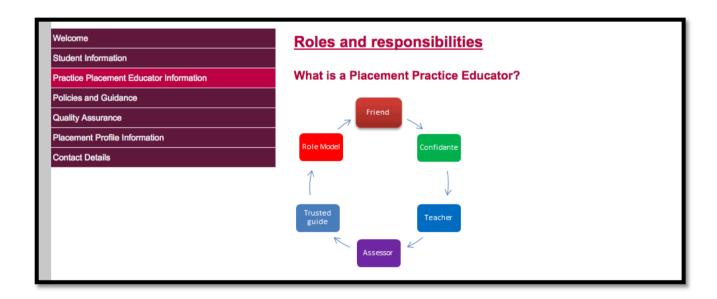
EMAS	YAS
Lincolnshire Division	Placement Manager
Laura Scott	Samantha Smithson
Email:	Email:
Laura.scott@emas.nhs.uk	Samantha.smithson@yas.nhs.uk
Telephone: 01522 889510 Mobile: 07817385717	Telephone: 01904 666095 Mobile: 07824 540169
Notts and Derby Division	Placement co-ordinator
Richard Tune	Jayne Pinder
Email:	Email:
Richard.tune@emas.nhs.uk	Jayne.pinder@yas.nhs.uk
Telephone: 01332 372441 Mobile:	Telephone: 01904 666095 Mobile:
07812 6606664	07876 508614

The below website will provide further support, guidance and information

Link: https://www3.shu.ac.uk/HWB/placements/ParamedicPractice/index.html



This website has information on a variety of different areas including, giving feedback, assessments, learning styles and contracts.



Supporting the Paramedic Student on Practice Placements

Placement Learning Expectations

<u>Placement Learning Expectations</u> sets out the expectations and responsibilities of all those involved in the partnership between students, clinical staff, the University and Lecturers, and Patients and Carers, which have been agreed with our placement providers.

Learning Outcomes for Paramedic Students

Practice placements are arranged to provide students with the learning opportunities that will help them to meet learning outcomes approved for their programme:

DipHE Paramedic Practice - Placement Learning Outcomes

Here you will find the <u>Learning Outcomes for the DipHE Paramedic Practice</u> programme.

BSc (Hons) Paramedic Science - Placement Learning Outcomes

Here you will find the <u>Learning Outcomes for the BSc (Hons) Paramedic Science</u> programme.

Course Calendars (Training Plans)

Here you will find the Course Calendars (Training Plans) for the Paramedic programmes for the current academic year.

The Course Calendar (Training Plan) tell you when student placements will take place for:

DipHE Paramedic Practice

September 2016 Cohort

BSc (Hons) Paramedic Science

- September 2017 Cohort
- March 2018 Cohort

Assessment in practice

This link will guide you on how to complete the E-CAP : $\underline{\text{http://www.bit.ly/e-cap}}$

- Meetings sets out when the student and Practice Educator should meet to agree placement learning action plans and assess student progress in practice placement learning
- Feedback and Assessment provide hints and tips for Practice Educators
- Process to follow if a <u>Paramedic Practice Student</u> is failing to progress on placement. The '<u>Student not Progressing</u>' form is the document you should use to set out the issues or concerns you are having with your student and allows all to be involved in the process going forward. Please complete the '<u>Student not Progressing</u>' form and return to Samantha Hogan hybron (<u>Boychange Shu</u> ac u.k

Reporting Incidents or Accidents or Concerns affecting the Student on Placement

This document reminds you that that students are required to report any <u>Incident/Accident or concern</u> that affects them during a Practice Placement

Guidance on what to do if you need to report an incident or accident that affects you, or any concern you have about your placement learning experience, can be found on the SHU Policies section of this Placement Information website.

Support from the Course Team

This is a link to the contact details for members of the Course Team

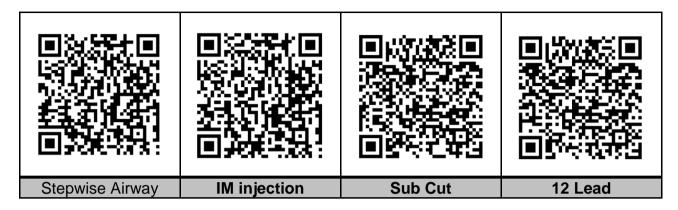
Disability - Student Support

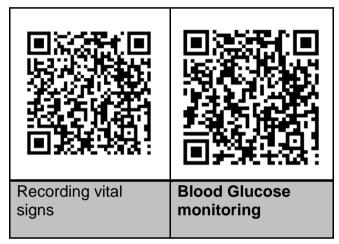
 $\label{thm:continuous} \mbox{The University $\underline{\mbox{Disabled Student Support}}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ and $(\mbox{Disabled Student Support)}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ and $(\mbox{Disabled Student Support)}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ team provides dedicated support to students with a disability $(\mbox{Disabled Student Support)}$ team $(\mbox{Disabled Student Support)$ team $(\mbox{Disable$

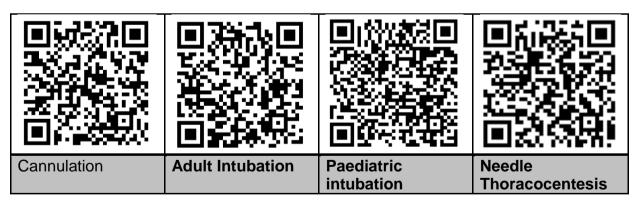
There are links in <u>blue</u> that you can use; these may be of benefit in supporting your student.

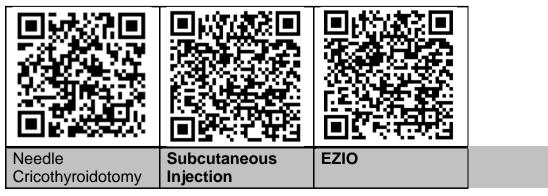
Skills for students

These are the QR codes that link to the videos of the skills your students will be learning over their academic years.









Modules

These are the modules your student will be studying. The indicative content shows you the areas we will be covering over the next 3 years.

YEAR 1

Modules taught in semester 1
Human Science 1
Human Growth and Development across the lifespan
Work Based Learning Paramedic
Modules taught in semester 2
Foundations for Effective Collaborative Practice
Human Sciences 2
Work Based Learning Paramedic

YEAR 2

Modules taught in semester 1
Public Health and Wellbeing
Pharmaceutical Science for Pre-Hospital Practice
Work Based Learning Paramedic
Modules taught in semester 2
Developing Capability for Effective Collaborative Practice
Pre-hospital Paediatrics, Obstetrics and Gynaecological Management
Work Based Learning Paramedic

Year 3

Modules taught in semester 1
Developing Practice and Peer Education
Research and Evidence Based Practice
Work Based Learning Paramedic
Modules taught in semester 2
Enhancing Quality of Services through Effective Collaborative
Practice
Advancing Pre-Hospital Critical and Emergency Care
Work Based Learning Paramedic

Module	Indicative content
Induction Week	 Academic writing Study skills Pebblepad Student support Student's union All mandatory/statutory e-learning
Human Sciences 1 (HS1)	 Introduction to the body Skeletal system: anatomy, bone growth and development, joints, fractures, skeletal conditions Cardiovascular system: anatomy of the heart, the blood and blood vessels, ACS, blood pressure regulation and hypertension, shock, blood grouping blood clotting, introduction to ECG theory, Respiratory system: respiratory anatomy, oxyhaemoglobin dissociation curve, acid-base balance and buffer systems, acid-base disorders, respiratory conditions, gaseous laws, internal and external respiration, arterial blood gases Nervous system: anatomy, physiology, action potential generation, neurophysiology, pain generation and management, neuro conditions
Work Based Learning – Paramedic Level 4 (WBL4)	 CRT & Manual Handling ILS – Adult & Paediatric Introduction to: law, ethics & Human factors in healthcare evidence based practice reflective practice clinical decision making Foundations of Medical and trauma assessment across the lifespan Kit familiarisation & Clinical Skills
Foundations for Effective Collaborative Practice (FECP)	 Interprofessional and collaborative practice Communication Professionalism Reflection Policy Diversity and ethical service user and carer-centred care Self-assessment and continued professional development Reflection Child and adult safeguarding

Human Sciences 2 (HS2)	 Resistance and immunity Conditions of the immune system The endocrine system: anatomy, physiology, endocrine conditions The digestive system: anatomy, physiology, digestive conditions The urinary system: anatomy, physiology, urinary conditions The reproductive system: anatomy, physiology, conditions The integumentary system: anatomy, physiology
Human Growth and Development across the Lifespan (HGD)	 Nutrition Genetics End of Life Care Death and dying across the age spectrum Breaking bad news Older people and dementia Learning disabilities SIDS Mental health including common conditions Communication skills across the lifespan
Pharmaceutical Science for Pre- Hospital Practice (PSPHP)	 Pharmacokinetics Pharmacodynamics Legalities JRCALC drugs Patient medications Polypharmacy OTC, Recreational/illegal drugs and alcohol dependency/abuse
Public Health and Wellbeing (PHW)	 Introduction to psychology Introduction to social policy Social aspects of health (demographics, understanding disease and socio-economic class) Theories of health and wellbeing Every contact counts Understanding behavioural reactions to illness and disease The law and the paramedic Ethical frameworks in healthcare Professionalism and professional registration Service User engagement

Work Based Learning – Paramedic Level 5 (WBL5)	 Trauma Management Major Incidents Paramedic Clinical Skills Advanced ECGs Recognition Cardiovascular conditions including cardiovascular disease and CVA ALS Medical management Appropriate Pharmacological intervention
Developing Capability for Effective Collaborative Practice (DCECP)	 Interprofessional and collaborative practice Reflection Self-assessment and continuing professional development Evaluation of the service environment and identification of the contemporary policy drivers for collaborative practice and integrated service delivery Factors and processes that promote interprofessional and collaborative practice which promote the creation of safe and effective services
Pre-Hospital Paediatric, Obstetrics and Gynaecology Management (PHPOG)	 Paediatrics PALS (old 2B content) Gynaecological conditions Maternity and obstetrics Complications of maternity Medical management Paediatric Skills & Trauma Management
Developing Practice and Peer Education (DPPE)	 Coaching Practice education Preceptorship Learning theories – models and application Leadership & Management theories – models and application Teamwork and motivation Resilience & Wellbeing Preparation for registration
Research and Evidence Based Practice (REBP)	 Literature searching Writing a literature review Quantitative research methodologies Qualitative research methodologies Gathering primary data and data collection Data analysis Statistical analysis Critical appraisal

Work Based Learning – Paramedic Level 6 (WBL6)	 Medical model of assessment The eye including assessment The ear including assessment Integumentary conditions Managing acute and chronic conditions Co-morbidities Childhood illnesses Cranial nerves assessment Abdominal assessment Urinalysis MSK assessment Wound care and closure Enhanced assessment Dental emergencies Health promotion (MECC)
Enhancing Quality of Services through Effective Collaborative Practice (EQSECP)	 Quality improvement methodology and evaluation Leadership and entrepreneurial skills for collaborative service development Role clarification and appreciation of others Service user and carer involvement Reflection and consolidation of interprofessional capability Contemporary policy drivers for integrated services and collaborative working
Advancing Pre-Hospital Critical and Emergency Care (APHCEC)	 Advanced Diagnostic skills Advanced Clinical procedures Advanced Pharmacological intervention Future-proofing paramedic practice Continual professional development

Student Support

There is information on the website to help support your student, or you can contact either senior lecturer for placements for advice

(https://www3.shu.ac.uk/hwb/placements/ParamedicPractice/mentor.html).

The Electronic Clinical Assessment Portfolio (e-CAP)

We are now using PebblePad to manage all of the student's assessment portfolios. The website provides a systematic guide of how to use pebble pad for both you and your student (Link: http://www.bit.ly/e-cap)

Incidents and Accidents

It is important that if one of our students is involved in a serious incident or accident we are informed of this immediately; this includes students attending serious o traumatic incidents. This is so we can document and support our student. All the information you require for what to do if your student is involved in an incident or accident is available on the website under Practice Placement Educator.

Meetings

It is expected that you will hold 3 meetings with your student over the academic year, one at the beginning, one in the middle and one at the end of the placement. Again, all the information you require is on the website and it is expected that you will use PebblePad to complete the documentation required.

The final meeting is where you make sure all the competencies are signed off in the student's e-CAP and that all the documentation is completed. You are also signing your student off as competent.

Competencies

It is expected that your student should reached the desired level of competency before the end of the placement period, however if your student has not been witnessed (due to lack of patients), then it is acceptable for you to simulate the competency or discuss what is required to manage a patient with this issue.

It is also expected that your student maintains the desired standard over a period of time and not just once before you sign them off as competent.

If you have any issues with any of the competencies or student issues have arisen, please contact the placement leads at SHU or your service, we are here to help, guide and support you.

Assessment levels

Level	level of knowledge and reasoning	Level of performance	Personal and professional awareness
Dependant	Lacks knowledge no awareness of the alternatives unable to explain or give reasons for actions	lacks accuracy and confidence needs continuous guidance and supervision poor organisation no awareness of priorities	actions and behaviour are not modified to meet the needs of the service user and situation no meaningful explanations given lacks insight into personal and professional behaviour
Assisted	knowledge is usually accurate little awareness of alternatives identifies reasons for actions	accurate performance but some lack of confidence and efficiency requires frequent direction/supervision some awareness of priorities but requires prompting	recognises the need to modify actions/behaviour to the service user and situation gives standard explanations/does not modify information
Minimal supervision	Applies accurate knowledge to practice Some awareness of alternatives Beginning to make judgements based on contemporary evidence	Safe and accurate; fairly confident / efficient Needs occasional direction or support Beginning to initiate appropriate actions Identifies priorities with minimal prompting	Actions / interventions / behaviours generally appropriate for the client and situation Explanation is usually at an appropriate & coherent Identifies the need for assistance
Proficient	Applies evidence based knowledge Demonstrates awareness of alternatives Sound rationale for actions Makes judgements / decisions based on contemporary evidence	Confident / safe / efficient Needs minimal direction / support Able to prioritise Able to adapt to the situation	Conscious / deliberate planning Actions/ interventions/ behaviour are appropriate to the client & situation Gives coherent / appropriate information Identifies & makes appropriate referrals

Competencies

No	Year	Learning outcome	Level
			required
1		Communication	
		The student will be able to apply and adapt their clinical	
		social skills by engaging with service users and their	
	1	care givers across the life span	NAC
	2		MS P
	3		P
	3		,
2		Use appropriate moving and handling techniques and equipment	
		The student will be able to consistently use the most	
		appropriate equipment and manage a patient with the	
	1	correct moving and handling technique.	MS
	2		P
	3		P
3		Identify and minimise potential on scene risks to maintain a safe working environment	
		The student will be able to consistently identify risk	
		factors to a variety of scenes and manage the situation	
	1	safely and effectively.	MS
	2		P
	3		P
4		Minimise cross infection within your scope of practice	
		The student will be able to consistently minimise the risk of cross infection through the correct use of technique	
		and equipment.	
	1		Р
	2		Р
	3		Р
5		Demonstrate effective health promotion	
<u> </u>		The student will be able to show they can identify	
		service users that may benefit from discussion around	
		health promotion and can sign post the service user to the correct pathway making every contact count.	
	1	The correct patriway making every contact count.	Α
			, ·

	2		MS
	3		Р
6		Obtain informed consent	
		The student will be able to consistently obtain informed	
		consent for a variety of service users throughout the	
	4	placement.	D
	1		Р
	2		Р
	3		Р
-			
7		Maintain service user confidentiality in written and verbal communications	
		The student will be able to consistently maintain service	
		user confidentiality and only divulge information	
		pertinent to the service user to the correct professional at the correct time.	
	1	at the correct time.	Р
	2		P
	3		Р
	J		
8		Maintain service user records appropriately in	
0		accordance with local and national policy	
		The student will be able to consistently complete the	
		service user report form to the required level in a timely	
		manner dependant on the situation.	
	1		MS
	2		Р
	3		Р
9		Identify vulnerable individuals	
		The student will be able to consistently identify	
		vulnerable individuals and complete the referral process for the service.	
	1		Α
	2		MS
	3		Р
40		Duenene medical massassurary istal.	
10		Prepare medical gases appropriately for administration	
		The student will be able to consistently prepare all	
		medical gases for service users and administer these as	
	4	per service policy.	MO
	1		MS
	2		Р
	3		P

11		Demonstrate effective management of patients from varying age ranges	
		The student will be able to demonstrate the most	
		appropriate and effective management of the service	
	4	user to the level indicated for that year.	140
	2		MS P
	3		P
	3		P
12		Obtain an appropriate patient history	
		The student will be able to obtain an appropriate and comprehensive patient history to the level indicated for that year.	
	1		MS
	2		Р
	3		Р
13		Undertake a physical examination and implement appropriate care	
		The student will be able to undertake a physical examination (chest, abdomen, face) and implement the most appropriate care for the service user to the level indicated for that year.	
	1	,	MS
	2		Р
	3		Р
14		Identify life threatening emergencies and implement appropriate management	
		The student will be able to identify life threatening situations to the level indicated for that year and if appropriate with assistance implement the management for the identified condition.	
	1		Α
	2		MS
	3		Р
15		Safely manage a potential spinal injury	
		The student will be able to identify and safely manage a service user with a potential spinal injury and correctly	
		mobilise this service user as per service policy.	
	1		A
	2		MS
	3		P

16		Recognise the need and apply immobilisation	
10		devices	
		The student will be able to recognise the need and apply	
		immobilisations devices to the level required for that	
		year.	
	1		M/S
	2		Р
	3		Р
17		Demonstrate effective assessment and management of a trauma incident	
		The student will be able to demonstrate the effective	
		assessment of a trauma service user and will manage	
		the incident as per trust policy and clinical guidelines to	
	1	the level required as per the year.	N40
	1		MS
	3		P
	3		P
18		Assess and effectively manage a gynaecological emergency	
		The student will be able to assess and manage a	
		service user in a gynaecological emergency to the level	
		required for that year.	21/2
	1		N/A
	2		MS
	3		Р
19		Assess and effectively manage a maternity emergency	
		The student will be able to assess and manage a	
		service user in a maternity emergency to the level	
		required for that year.	
	1		N/A
	2		MS
	3		Р
20		Assess and effectively manage a paediatric emergency	
		The student will be able to assess and manage a	
		service user in a paediatric emergency to the level	
		required for that year.	
	1		N/A

	2		MS
	3		Р
21		Obtain a suitable recording of an ECG (including 3 And 12 lead)	
		The student will be able to obtain a suitable recording or an ECG	
	1		Р
	2		Р
	3		Р
22		Demonstrate effective analysis of a ECG 12 lead	
		The student will be able to interpret a 12 lead ECG using the 10 point plan.	
	1		N/A
	2		Р
	3		Р
23		Manage a patient airway using basic positional methods	
		The student will be able to manage an airway using basic positional methods.	
	1		Р
	2		Р
	3		Р
24		Manage a patient airway using manual clearance methods and suction equipment	
		The student will be able to manage a patient airway using manual clearance methods and suction equipment.	
	1		Р
	2		Р
	3		Р
25		Manage an airway using adjuncts	
		The student will be able to manage an airway using adjuncts	
	1		Р
	2		Р
	3		Р
26		Ventilete e netient using e beganning	
26		Ventilate a patient using a bag-valve mask	
		The student will be able to ventilate a patient using a	
	1	BVM to the level required for that year.	MS
	2		P
<u></u>			٢

	3		Р
28		Identify and prepare equipment for intravenous	
		cannulation	
		The student will be able to identify and prepare the	
		equipment for intravenous cannulation.	
	1		Р
	2		Р
	3		Р
29		Carry out an intravenous cannulation	
23		The student will be able to carry out an intravenous	
		cannulation.	
	1	Od. II G.	N/A
	2		P
	3		Р
30		Prepare an intravenous infusion	
		The student will be able to be able to prepare an	
		intravenous infusion such as fluids or glucose to the	
		level required for that year.	-
	1		MS
	2		Р
	3		Р
0.4			
31		Assist in the preparation of a range of drugs within scope of practice	
		The student will be able to assist in the preparation of a	
		range of drugs within the scope of practice and be able	
		to discuss the indications/contra-indications of the given	
	4	drug to the level required for that year.	MO
	1		MS
	2		Р
	3		Р
32		Identify appropriate means of transportation in	
32		relation to patients' condition	
		The student will be able to identify the appropriate	
		means of transport in relation to the patient's condition.	
	1		MS
	2		Р
	3		Р
33		Communicate an effective handover at hospital to a multidisciplinary team	
		The student will be able to communicate an effective	
Ī	1	handover at a hospital.	
	1	NON TIME CRITICAL HANDOVER	MS

	2	ATMIST SBAR	Р
	3	COMPLEX CASE ALTERNATIVE CARE PROVIDER	Р
34		Collaborate with other healthcare providers or	
		internal/external agencies working as an advocate	
		for the service user and/or their care giver	
	1		M/S
	2		P
	3		Р
35		The cleanliness of working environment	
33		The student will be able to maintain cleanliness of the	
		working environment regarding infection control and	
		waste management.	
	1		Р
	2		Р
	3		P
36		Demonstrate effective wound care (cleaning,	
		bandaging and closure)	
		The student will be able to demonstrate effective wound	
		care to level required for that year.	
	1		A
	2		MS
	3		Р
27		Correct on apprepriate nature, accessment	
37		Carryout an appropriate neuro assessment	
		The student will be able to carry out a full cranial nerve assessment as per	
	1	FAST, GCS, AVPU	Р
	2	Gross neuro assessment	P
	3	Cranial nerve	P
38		Carryout an appropriate abdominal assessment	
		The student will be able to carry out a full abdominal	
		assessment as per	
	1	Basic	M/S P
	2	Intermediate	Р
	3	Enhanced	Р
39		Carryout an appropriate MSK assessment	
		The student will be able to carry out a full MSK	
	1	assessment as per	D
	1	BASIC gross assessment	Р
	2	Gross assessment	P
	3	Enhanced	۲

Students requiring directed support

On the website, there is a guide on how the university and the ambulance service can support you and your student if an issue develops over the placement period. There may be issues such as the student failing to turn up for placement to not performing to the standard required.



I hope you enjoy your time with our students