ASTON UNIVERSITY PROGRAMME SPECIFICATION

Programme Title	Transport Management
UCAS/JACS Code	N921
School/Subject Area	Engineering & Applied Science/Engineering Systems and Management
Final Award	BSc
Interim Awards	Certificate of Higher Education; Diploma of Higher Education.
Mode(s) of Study	Full Time with optional placement year
Normal Length of Programme	3 Years or 4 Years with placement year
Total Credits	360 or 480 with placement year
Programme Accredited By	Chartered Institute of Logistics and Transport (CILT)
Dates Programme Specification Written and Revised	May and November 2006, August 2007, September 2008, September 2009 September 2010 September 2011 August 2013

Education Aims of the Programme	1. To provide students with the opportunities to realise their academic potential through appropriately conceived learning experiences. 2. To develop an understanding of the physical and economic processes involved with the movement of people and goods involving all modes of transport. 3. To provide students with appropriately structured curricula, combining teaching in theoretical and knowledge based principles with practical training skills. 4. To ensure that development and modification of the programme prepares graduates able to respond appropriately to the rapidly changing industrial environment. 5. To produce graduates with the specific academic and professional skills that are in demand by employers in UK and international business. 6. To produce graduates with the generic transferable skills to enable them to make a valuable contribution to business and society. 7. To offer students the opportunity to obtain relevant industrial experience by providing the option of a sandwich year. 8. To introduce the students to the principles of the research process and their relevance to modern methods of management within the contexts of transport and the supply chain. 9. To maintain professional accreditation by the Chartered Institute of Logistics and Transport. 10. To create an awareness of self development as a component of education and to develop the skills and attributes of lifelong learning. 11. To ensure that entry qualifications are the highest possible consistent with the applicant pools in the UK, EU and international markets. 12. To facilitate wider participation.
Relevent Subject Benchmark Statements and other External and Internal Reference Points used to inform programme outcomes	No specific QAA benchmark statements relevant to this Programme exist, however, benchmark statements in the areas of Geography, General Business and Management and Town and Country Planning have been consulted. UK Quality Code Part A.1 (2011) All modules already exist and conform to current university requirements. Accreditation has been awarded by the Chartered Institute of Logistics and Transport.

Programme Structures and Requirements: Levels, Modules and Credits **Stage 1**						
Module Title	**Credits**	**Level**	**Module Code**	**Core/Option**	**Condonable**	**Prerequisites**
Principles of Financial Accounting	10	4	BF1101	Core	Y	N
Study Skills	30	4	EC110A	Core	N	N
Introduction to Logistics	10	4	LT1301	Core	Y	N
Law	10	4	LT1305	Core	Y	N
Principles of Economics	10	4	LT1307	Core	Y	N
Literature Review Project	10	4	LT1312	Core	Y	Y
Transport Fundamentals	10	4	LT1314	Core	N	Y
Facilities Design and Management	10	4	LT1315	Core	Y	Y
Air Transport	10	4	LT1319	Core	N	Y
Introduction to Business Management	10	4	SE1500	Core	Y	N
TOTAL	120					

Programme Structures and Requirements: Levels, Modules and Credits **Stage 2**						
Module Title	**Credits**	**Level**	**Module Code**	**Core/Option**	**Condonable**	**Prerequisites**
Environmental Management and Audit	10	5	HE208e	Core	Y	Y
Transport Planning Systems	10	5	LT2201	Core	Y	Y
Project Management	10	5	LT2306	Core	Y	Y
Operational Research 1	10	5	LT2307	Core	Y	Y
Management Accounting	10	5	LT2308	Core	Y	Y
European Transport	10	5	LT2310	Core	Y	Y
Maritime Transport	10	5	LT2311	Core	Y	Y
Database Management	10	5	LT2312	Core	Y	Y
Multimodal Transport Management	20	5	LT2314	Core	Y	Y
Rail Transport	10	5	LT2315	Core	Y	Y
Implementing Transport Policy	10	5	LT3402	Core	Y	Y
TOTAL	120					

Programme Structures and Requirements: Levels, Modules and Credits **Stage 3 P**						
Module Title	**Credits**	**Level**	**Module Code**	**Core/Option**	**Condonable**	**Prerequisites**
Choose 120 credits from the following options						
EAS Study Placement Year	120	P	SEP001	Option	N	N
EAS Industrial Placement Year	120	P	SEP002	Option	N	N
TOTAL	120					

Programme Structures and Requirements: Levels, Modules and Credits **Stage F**						
Module Title	**Credits**	**Level**	**Module Code**	**Core/Option**	**Condonable**	**Prerequisites**
Final Year Research Project	30	6	EC310a	Core	Y	Y
Passenger Service Provision	10	6	LT3201	Core	Y	Y
Traffic and Transport Engineering	10	6	LT3204	Core	Y	Y
Human Resource Management	10	6	LT3306	Core	Y	Y
Operational Research II	10	6	LT3307	Core	Y	Y
Rail Transport	10	6	LT3309	Core	Y	Y
International Trade Law	10	6	LT3315	Core	Y	Y
Introduction to GIS	10	6	LT3318	Core	Y	Y
Air Transport	10	6	LT3319	Core	Y	Y
Transport Impact Assessment	10	6	LT3401	Core	Y	Y
TOTAL	120					

Programme Outcomes, Learning and Teaching and Assessment Strategies			
Knowledge and Understanding			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	General management and business concepts.	A mixture of formal lectures, tutorial classes, practical exercises, computer laboratory classes, independent and group work associated with taught and project modules, independent study. For sandwich students, an agreed programme of professional experience and training.	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis), supervisor assessed project work, vivas and presentations, peer review.
2	The specific concepts, tools and techniques required by the professional context.		
3	The external environment within which business operates.		
4	Data acquisition and analysis, the models tools and techniques and analytical methods used in Transport Management.		

Intellectual Skills			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	Analyse the requirements of a problem and select the appropriate methodology to apply to and solve that problem.	Primarily through, tutorial classes, practical exercises, computer laboratory classes, independent and group work associated with taught and project modules.	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis), supervisor assessed project work, vivas and presentations, peer review.
2	Integrate and apply knowledge and methods from a variety of sources.		
3	Plan, conduct, evaluate and report on a programme of work.		

Professional Skills			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	Apply the tools and techniques gained in Section A.	Professional skills are developed as an integral part of formal lectures, tutorial classes, practical work and projects.	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis, dissertation), supervisor assessed project work, vivas and presentations, peer review. Many of these skills are assessed indirectly via other learning outcomes. Placement students submit two reports on the Placement experience, one of which is in the form of a reflective diary, and the other of which documents a project that has been successfully undertaken during the Placement.
2	Sandwich students only - the relevance of Transport Management and the environment within which it operates to the world of work.		

Transferable Skills			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	The ability to communicate effectively both in writing, orally, and graphically.	Skills are developed through integration within formal lectures, tutorial classes, practical work and projects. For the sandwich students, an agreed programme of professional experience and training	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis, dissertation), supervisor assessed project work, vivas and presentations, peer review. Many of these skills are assessed indirectly via other learning outcomes.
2	Team working skills.		
3	Problem solving skills.		
4	Study skills.		
5	ICT skills.		
6	Time management skills.		
7	Time management skills.		

Entry Requirements	The general entry requirements of the programmes are stated within the University General Regulations for Undergraduate Programmes. In addition to satisfying the general entry requirements, candidates must satisfy any specific entry requirements for the programme, as approved by the School Learning and Teaching Committee. Application from mature students and applicants offering alternative qualifications, as approved by the Schools Associate Dean Undergraduate Programmes, will be considered on merit. Subject specific requirements: GCSE Maths Grade B. Non GCE applicants must have equivalent qualifications as recognised by Senate. Students already reading another degree programme at Aston University may be allowed to transfer to this programme, with the agreement of the Schools Associate Dean Undergraduate Programmes.
Programme Regulations	1. Attendance requirements: 1.1 In order to qualify for the award of the degree a student must have attended the required tutorials, seminars, practical classes and lectures . The following procedures apply in monitoring and dealing with cases of poor attendance: i. in the case of repeated unexcused absence over a period of two weeks or more, disciplinary proceedings may be instituted in the form of an official warning letter requiring attendance; ii. if there is no response to this letter or satisfactory attendance is not resumed, the Executive Dean may require the student to withdraw from the programme. 1.2 Field Courses and Practical Classes. Attendance at field courses and practical classes is compulsory. 2. Industrial/Professional Training 2.1 Sandwich students are required to undertake an appropriate programme of integrated industrial training of at least 40 weeks duration at such times as approved by the Executive Dean, as per module descriptions for SEP001 or SP002. 2.2 Assessment components are as specified in the relevant module descriptions and the Placement Handbook.
General Regulations (http://www1.aston.ac.uk/registry/for-staff/regsandpolicies/general-regulations/) and the Regulations for the programme (above) take precedence over other information sources such as student handbooks if there is a conflict. If there is a conflict between General Regulations and Programme Regulations then General Regulations take precedence unless an exemption has been approved.	

This specification provides a concise summary of the main features of the programme and the threshold learning outcomes that a student might normally be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. **The individual modules included in the programme may differ from those included in this programme specification as our programmes are subject to continuous review**. Information on admissions requirements and career opportunities is available in the relevant prospectus. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module can be found in the appropriate module guides and programme handbook(s) which are available to students on enrolment.